



PRODUCTS

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Medium Tractors

ITM 800 4WD

ITM 800 2WD

ITM 1075 4WD

ITM 1075 2WD

ITM 1085 4WD

ITM 1085 2WD

ITM 1085S 4WD

ITM 1085S 2WD

ITM 1095 4WD

ITM 1095 2WD

ITM 485 4WD

ITM 485 2WD

ITM 475 4WD

ITM 475 2WD

ITM 285 New 4WD

ITM 285 New 2WD

ITM 285 4WD

ITM 285 2WD



PRODUCTS

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Garden Tractors

ITM 470 4WD

ITM 470 2WD

ITM 240 New 4WD

ITM 240 New 2WD

ITM 455 Stage-3A 4WD

ITM 1745 TILMAZ 2WD

ITM 950



IRAN TRACTOR
Manufacturing Co.

ITMCO E-Catalog
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ITM1500

4WD



Technical Specifications



ITM1500 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2200 rpm	150
Maximum torque Nm(Bs.AU.141.a)@1400rpm	650
Max. power available hp@PTO shaft	138
Engine	
Make	Motorsazan
Model	MT660A-150AD
Type	Diesel, Direct injection
Number of cylinders	6
Aspiration	Turbocharged
Bore	100 mm
Stroke	127 mm
Capacity	5.984 litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Parallel Dual, with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	Dual battery 66 A.H
Alternator	75 A
Starter	3 Kw
Lights	Head, Position, Cabin, Number plate, brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Front	1900 – 2080 mm
Rear	1728 – 2066 mm
Track adjustment	
Front	1900-2080 mm
Rear	1728-2066 mm





ITM1500 4WD



Transmission	
Type	ZF T3500
Power take-off	
Type	Independent hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 2160/2140 rpm engine speed
Number of splines	6/21 for 540/1000 rpm
Shaft diameter	35 mm
Front axle	
Type	Carraro
Diff. lock	Autolock
Turning angle	55°
Hydraulic	
Three Point linkage	Category2, Quick coupling
Accessories	Elctrohydraulical draft,position and response control
Max. lift capacity	5500 Kg@ lower links are horizontal
Hydraulic pump	Gear pump
Max. delivery	45 lpm
Max. pressure	220 bar
Auxiliary hydraulic	
Pump type	Engine mounted tandem gear pump
Max. delivery	45 lpm @ 220 bar
Combined flow	60 lpm
Spool valve	1 valve (2 spools , 3 positions)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , Wet brakes
Function	Hydraulic, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical





ITM1500 4WD



Tyres	
Front	16.9 - 26
Rear (Disk type)	20.8 – 38
Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	2600 Kg
Weight on rear axle	3830 Kg
Total weight	6430 Kg
Length(Lower links are horizontal)	5.10 m
Width	2.08 m
Height(Over of Cabin)	3.10 m
Height(Over of steering wheel)	2.31 m
Wheel base	2.92 m
Turning radius(With braking)	5.7 m
Height over ground (Drawbar beneath)	0.49 m
Capacities	
Fuel tank	380 litre
Hydraulic system	56-60 litre
Engine sump	15.3 litre
Cooling system	30 litre
Other equipment	
Drawbar	
Toolkit	
Front weights	
Rear wheels weights	
Front wheels Mudguards	
Hydraulic valve for implements	
Remote position control bottoms	
Cabin with heating, air conditioning systems and radio	





ITM4120

4WD



Technical Specifications



ITM4120 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2200 rpm	120
Maximum torque Nm(Bs.AU.141.a)@1600rpm	480
Max. power available hp@PTO shaft	96
Engine	
Make	Motorsazan
Model	MT660A-120AD
Type	Diesel, Direct injection
Number of cylinders	6
Aspiration	Turbocharger
Bore	100mm
Stroke	127mm
Capacity	6 litre
Compression ratio	16.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element
Fuel filter	Dual, with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	Dual battery, 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Split torque
Plate diameter	330 mm
Track adjustment	
Front	1769 – 2093 mm
Rear	1525 – 2235 mm





ITM4120 4WD



Transmission	
Type	Synchromesh (12Forward, 4Reverse)
Power take-off	
Type	Independent hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 1900/2000 rpm engine speed
Number of splines	6/21 for 540/1000 rpm
Shaft diameter	35 mm
Front axle	
Type	AG105
Diff. lock	Autolock
Turning angle	55°
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft, position and response control
Max. lift capacity	3678 Kg @ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	27.6 lpm
Max. pressure	231 bar
Auxiliary hydraulic	
Pump type	Engine mounted tandem gear pump
Max. delivery	35 lpm @ 175 bar
Combined flow	63 lpm
Spool valve	1 valve with 2 spools (3 positions)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Hydraulic, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Hydraulic, electrically actuated





ITM4120 4WD



Tyres	
Front	14.9 * 13 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 34 8Ply
Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1960Kg
Weight on rear axle	2120Kg
Total weight	4080Kg
Length(Lower links are horizontal)	4.48 m
Width	1.97 m
Height(Over of ROPS)	2.63 m
Height(Over of steering wheel)	1.91 m
Wheel base	2.64 m
Turning radius(Without braking)	9.41 m
Height over ground (Drawbar beneath)	0.43 m
Capacities	
Fuel tank	105 litre
Hydraulic system	47.4 litre
Engine sump	15.4 litre
Cooling system	25 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Rear wheels (Disk type) weights	
Hydraulic valve for implements	
Roll-over protective structure (ROPS)	
Falling object protection (FOP)	
Front wheels Mudguards	





ITM399

4WD



Technical Specifications



ITM399 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2200 rpm	110
Maximum torque Nm(Bs.AU.141.a)@1200rpm	444
Max. power available hp@PTO shaft	95
Engine	
Make	Motorsazan
Model	MN660A-110AD
Type	Diesel, Direct injection
Number of cylinders	6
Aspiration	Normal respiration
Bore	100mm
Stroke	127mm
Capacity	6 litre
Compression ratio	16.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Dual, with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	Dual battery, 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Split torque
Plate diameter	330 mm
Track adjustment	
Front	1769 – 2093 mm
Rear	1525 – 2235 mm





ITM399 4WD



Transmission	
Type	Synchromesh (12Forward , 4Reverse)
Power take-off	
Type	Independent hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 1900/2000 rpm engine speed
Number of splines	6/21 for 540/1000 rpm
Shaft diameter	35 mm
Auxiliary hydraulic	
Pump type	Engine mounted tandem gear pump
Max. delivery	35 lpm @ 175 bar
Combined flow	63 lpm
Spool valve	1 valve with 2 spools(3 positions)
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	3678 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	27.6 lpm
Max. pressure	231 bar
Steering	
Type	Hydrostatic
Front axle	
Type	AG105
Diff. lock	Autolock
Turning angle	55°
Brakes	
Type	Oil immersed , Wet brakes
Function	Hydraulic ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical





ITM399 4WD



Tyres	
Front	14.9 * 13 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 34 8Ply
Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1860Kg
Weight on rear axle	2030Kg
Total weight	3890Kg
Length(Lower links are horizontal)	4.33 m
Width	1.97 m
Height(Over of ROPS)	2.63 m
Height(Over of steering wheel)	1.91 m
Wheel base	2.64 m
Turning radius(Without braking)	9.41 m
Height over ground (Drawbar beneath)	0.43 m
Capacities	
Fuel tank	126 litre
Hydraulic system	47.4 litre
Engine sump	15.4 litre
Cooling system	23 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Toolkit	
Front weights	
Roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Shuttle Transmission (8+8 speeds)	
Front wheels Mudguards	
Cabin	





ITM399

2WD



Technical Specifications



ITM399 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2200 rpm	110
Maximum torque Nm(Bs.AU.141.a)@1200rpm	444
Max. power available hp@PTO shaft	95
Engine	
Make	Motorsazan
Model	MN660A-110AD
Type	Diesel, Direct injection
Number of cylinders	6
Aspiration	Normal respiration
Bore	100mm
Stroke	127mm
Capacity	6 litre
Compression ratio	16.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Dual, with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Split torque
Plate diameter	330 MM
Track adjustment	
Front	1370-1980 MM
Rear	1525-2265 MM





ITM399 2WD



Transmission	
Type	Synchromesh (12Forward , 4Reverse)
Power take-off	
Type	Independent hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 1900/2000 rpm engine speed
Number of splines	6/21 for 540/1000 rpm
Shaft diameter	35 mm
Auxiliary hydraulic	
Pump type	Engine mounted tandem gear pump
Max. delivery	35 lpm @ 175 bar
Combined flow	63 lpm
Spool valve	1 valve with 2 spools(3 positions)
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft, position and response control
Max. lift capacity	3678 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	27.6 lpm
Max. pressure	231 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , Wet brakes
Function	Hydraulic ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -18 8 Ply
Rear (Disk type)	18.4*15 – 34 8Ply





ITM399 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1620 Kg
Weight on rear axle	1990 Kg
Total weight	3610 Kg
Length(Lower links are horizontal)	4.33 m
Width	1.97 m
Height(Over of ROPS)	2.63 m
Height(Over of steering wheel)	1.91 m
Wheel base	2.58 m
Turning radius(Without braking)	8.43 m
Height over ground (Drawbar beneath)	0.43 m
Capacities	
Fuel tank	126 litre
Hydraulic system	47.4 litre
Engine sump	15.4 litre
Cooling system	23 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Rear wheels (Disk type) weights	
Hydraulic valve for implements	
Hinge Roll-Over Protective Structure (ROPS)	
Options	
Falling object protection (FOP)	
Shuttle Transmission (8+8 speeds)	
Cabin	





ITM800

4WD



Technical Specifications



ITM800 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	82
Maximum torque Nm(Bs.AU.141.a)@1400rpm	360
Max. power available hp@PTO shaft	72
Max. power available hp@540rpm PTO shaft	64
Engine	
Make	Motorsazan
Model	MT440C-82AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbocharged
Bore	100 mm
Stroke	127 mm
Capacity	3.99 litre
Compression ratio	17.5 : 1
Pollution standard	ECE R96,R24-STAGE II
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter/ Exhaust	Dual, with sedimentor/ Vertical
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	Dual battery, 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Split torque
Plate diameter	305 mm
Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm





ITM800 4WD



Transmission	
Type	Synchromesh (12Forward, 4Reverse)
Power take-off	
Type	Independent hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 1900/2000 rpm engine speed
Number of splines	6/21 for 540/1000 rpm
Shaft diameter	35 mm
Количество паз:	21 паз для 6/21 for 540/1000 rpm
Shaft diameter	35 мм.
Auxiliary hydraulic	
Pump type	Engine mounted tandem gear pump
Max. delivery	35 lpm @ 175 bar
Max. combined flow	63 lpm
Spool valve	1 valve with 2 spools (3 positions)
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft, position and response control
Max. lift capacity	2227 Kg @ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	27.6 lpm
Max. pressure	231 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , Wet brakes
Function	Hydraulic, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical





ITM800 4WD



Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply
Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1710Kg
Weight on rear axle	1770 Kg
Total weight	3480 Kg
Length(Lower links are horizontal)	4.19 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.85 m
Wheel base	2.29 m
Turning radius(Without braking)	7.74 m
Height over ground (Drawbar beneath)	0.38 m
Capacities	
Fuel tank	126 litre
Hydraulic system	45 litre
Engine sump	8 litre
Cooling system	18 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 - 38	
Front wheels Mudguards	





ITM800

2WD



Technical Specifications



ITM800 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	82
Maximum torque Nm(Bs.AU.141.a)@1400rpm	360
Max. power available hp@PTO shaft	72
Max. power available hp@PTO shaft in 540rpm	64
Engine	
Make	Motorsazan
Model	MT440C-82AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbocharged
Bore	100 mm
Stroke	127 mm
Capacity	3.99 litre
Compression ratio	17.5 : 1
Pollution standard	ECE R96,R24-STAGE II
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	Dual battery, 66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Split torque
Plate diameter	305 mm





ITM800 2WD



Track adjustment	
Front	1370 - 1980
Rear	1422 - 2134
Transmission	
Type	Synchromesh , 12forward, 4revers, Manual
Power take-off	
Type	Independent hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 1900/2000 rpm engine speed
Number of splines	6/21 for 540/1000 rpm
Shaft diameter	35 mm
Auxiliary hydraulic	
Pump type	Engine mounted tandem gear pump
Max. delivery / Combined flow	35 lpm @ 175 bar /63 lpm
Spool valve	1 valve with 2 spools(3 positions)
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	27.6 lpm
Max. pressure	231 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , wet brakes
Function	Hydraulic, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical





ITM800 2WD



Tyres	
Front	7.5 -16 6 Ply
Rear (Disk type)	18.4*15 – 30 6Ply
Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1500 Kg
Weight on rear axle	1770 Kg
Total weight	3270 Kg
Length(Lower links are horizontal)	4.19 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.85 m
Wheel base	2.29 m
Turning radius(Without braking)	6.94 m
Height over ground (Drawbar beneath)	0.38 m
Capacities	
Fuel tank	126 litre
Hydraulic system	45 litre
Engine sump	8 litre
Cooling system	18 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 - 38	





ITM1075

4WD



Technical Specifications



ITM1075 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	75
Maximum torque Nm(Bs.AU.141.a)@1400rpm	300
Max. power available hp@PTO shaft	69
Max. power available hp@PTO at 540 shaft rpm	63
Engine	
Make	Motorsazan
Model	MTI440D-75AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Split torque
Plate diameter	305 mm
Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm





ITM1075 4WD



Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1075 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1690 Kg
Weight on rear axle	1880 Kg
Total weight	3570Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 – 38	
Shuttle transmission (8+8 speeds)	
Front wheels Mudguards	





ITM1075

2WD



Technical Specifications



ITM1075 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	75
Maximum torque Nm(Bs.AU.141.a)@1400rpm	300
Max. power available hp@PTO shaft	69
Max. power available hp@PTO at 540 shaft rpm	63
Engine	
Make	Motorsazan
Model	MTI440D-75AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Split torque
Plate diameter	305 mm





ITM1075 2WD



Track adjustment	
Front	1370 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5-16 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1075 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1450 Kg
Weight on rear axle	1840 Kg
Total weight	3290Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 - 38	





ITM1085

4WD



Technical Specifications



ITM1085 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	85
Maximum torque Nm(Bs.AU.141.a)@1400rpm	370
Max. power available hp@PTO shaft	75
Max. power available hp@PTO at 540 shaft rpm	71
Engine	
Make	Motorsazan
Model	MTI440D-85AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm
Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm





ITM1085 4WD



Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1085 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1680 Kg
Weight on rear axle	1870 Kg
Total weight	3550Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 – 38	
Shuttle transmission (8+8 speeds)	
Front wheels Mudguards	





ITM1085

2WD



Technical Specifications



ITM1085 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	85
Maximum torque Nm(Bs.AU.141.a)@1400rpm	370
Max. power available hp@PTO shaft	75
Max. power available hp@PTO at 540 shaft rpm	71
Engine	
Make	Motorsazan
Model	MTI440D-85AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM1085 2WD



Track adjustment	
Front	1370 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5-16 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1085 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1450 Kg
Weight on rear axle	1840 Kg
Total weight	3290Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 - 38	





ITM1085S

4WD



Technical Specifications



ITM1085S 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	85
Maximum torque Nm(Bs.AU.141.a)@1400rpm	370
Max. power available hp@PTO shaft	75
Max. power available hp@PTO at 540 shaft rpm	71
Engine	
Make	Motorsazan
Model	MTI440D-85AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM1085S 4WD



Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1085S 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1680 Kg
Weight on rear axle	1880 Kg
Total weight	3550Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 – 38	
Shuttle transmission (8+8 speeds)	
Front wheels Mudguards	





ITM1085S

2WD



Technical Specifications



ITM1085S 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	85
Maximum torque Nm(Bs.AU.141.a)@1400rpm	370
Max. power available hp@PTO shaft	75
Max. power available hp@PTO at 540 shaft rpm	71
Engine	
Make	Motorsazan
Model	MTI440D-85AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM1085S 2WD



Track adjustment	
Front	1370 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4*11-24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1085S 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1460 Kg
Weight on rear axle	1840 Kg
Total weight	3300Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 - 38	





ITM1095

4WD



Technical Specifications



ITM1095 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	95
Maximum torque Nm(Bs.AU.141.a)@1400rpm	427
Max. power available hp@PTO shaft	88
Max. power available hp@PTO at 540 shaft rpm	80
Engine	
Make	Motorsazan
Model	MTI440D-95AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM1095 4WD



Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1095 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1690 Kg
Weight on rear axle	1920 Kg
Total weight	3570Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 – 38	
Shuttle transmission (8+8 speeds)	
Front wheels Mudguards	





ITM1095

2WD



Technical Specifications



ITM1095 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	95
Maximum torque Nm(Bs.AU.141.a)@1400rpm	427
Max. power available hp@PTO shaft	88
Max. power available hp@PTO at 540 shaft rpm	80
Engine	
Make	Motorsazan
Model	MTI440D-85AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM1095 2WD



Track adjustment	
Front	1370 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4*11-24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM1095 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1660 Kg
Weight on rear axle	1920 Kg
Total weight	3570Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 - 38	





ITM485

4WD



Technical Specifications



ITM485 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	82
Maximum torque Nm(Bs.AU.141.a)@1400rpm	360
Max. power available hp@PTO shaft	75
Max. power available hp@PTO at 540 shaft rpm	69
Engine	
Make	Motorsazan
Model	MT440C-82AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbocharged
Pollution standard	ECE R96,R24-STAGE II
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual - Cerametalic
Plate diameter	305 mm





ITM485 4WD



Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM485 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1620 Kg
Weight on rear axle	1760 Kg
Total weight	3380Kg
Length(Lower links are horizontal)	4.19 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.85 m
Wheel base	2.29m
Turning radius(Without braking)	7.74 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Shuttle Transmission (8+8 speeds)	
Rear wheel 13.6 * 12 - 38	
Front wheels Mudguards	





ITM485

2WD



Technical Specifications



ITM485 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	82
Maximum torque Nm(Bs.AU.141.a)@1400rpm	360
Max. power available hp@PTO shaft	75
Max. power available hp@PTO shaft in 540rpm	69
Engine	
Make	Motorsazan
Model	MT440C-82AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbocharged
Pollution standard	ECE R96,R24-STAGE II
Bore	100 mm
Stroke	127 mm
Capacity	3.99 litre
Compression ratio	17.5 : 1
Start aid	Thermostart
Coling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	Dual battery ,66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual - Cerametalic
Plate diameter	305 mm





ITM485 2WD



Track adjustment	
Front	1370 - 1980
Rear	1422 - 2134
Transmission	
Type	Synchromesh , 12forward,4revers,Manual
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Количество паз:	21 паз для 6/21 for 540/1000 rpm
Shaft diameter	35 мм.
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft, position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -16 6 Ply
Rear (Disk type)	18.4*15 – 30 6Ply





ITM485 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1420 Kg
Weight on rear axle	1720 Kg
Total weight	3140 Kg
Length(Lower links are horizontal)	4.19 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.85 m
Wheel base	2.29 m
Turning radius(Without braking)	6.94 m
Height over ground (Drawbar beneath)	0.38 m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Shuttle Transmission (8+8 speeds)	
Rear wheel 13.6 * 12 - 38	





ITM475

4WD



Technical Specifications



ITM745 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	75
Maximum torque Nm(Bs.AU.141.a)@1400rpm	295
Max. power available hp@PTO shaft	69
Max. power available hp@PTO at 540 shaft rpm	63
Engine	
Make	Motorsazan
Model	MN440A-75AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Normal respiration
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	16.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM745 4WD



Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM745 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1610 Kg
Weight on rear axle	1740 Kg
Total weight	3350Kg
Length(Lower links are horizontal)	4.19 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.85 m
Wheel base	2.29m
Turning radius(Without braking)	7.74 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Shuttle Transmission (8+8 speeds)	
Rear wheel 13.6 * 12 - 38	
Front wheels Mudguards	





ITM475

2WD



Technical Specifications



ITM745 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	75
Maximum torque Nm(Bs.AU.141.a)@1400rpm	295
Max. power available hp@PTO shaft	69
Max. power available hp@PTO shaft in 540rpm	63
Engine	
Make	Motorsazan
Model	MN440A-75AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Normal respiration
Bore	100mm
Stroke	127mm
Capacity	3.99 litre
Compression ratio	16.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	Dual battery ,66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM745 2WD



Track adjustment	
Front	1370 - 1980
Rear	1422 - 2134
Transmission	
Type	Synchromesh (12forward,4revers)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -16 6 Ply
Rear (Disk type)	18.4*15 – 30 6Ply





ITM745 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1390 Kg
Weight on rear axle	1720 Kg
Total weight	3110 Kg
Length(Lower links are horizontal)	4.19 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.85 m
Wheel base	2.29 m
Turning radius(Without braking)	6.94 m
Height over ground (Drawbar beneath)	0.38 m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Shuttle Transmission (8+8 speeds)	
Rear wheel 13.6 * 12 - 38	





ITM285New

4WD



Technical Specifications



ITM285New 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	82
Maximum torque Nm(Bs.AU.141.a)@1500rpm	345
Max. power available hp@PTO shaft	75
Max. power available hp@PTO shaft in 540rpm	69
Engine	
Make	Motorsazan
Model	MT441A
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbocharged
Bore	101mm
Stroke	127mm
Capacity	4.07 litre
Compression system	16 : 1
Start aid	Thermostart
Coling system	Water
Air cleaner	Dry, dual element
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	120 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM285New 4WD



Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Sliding-gear , 8Forward, 2Reverse
Power take-off	
Type	Single-speed, Two status (Engine and ground-speed)
P.T.O speed	540 rpm at 1684 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	3 positions , 1 spool
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -16 6 Ply
Rear (Disk type)	18.4*15 – 30 6Ply





ITM285New 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1540Kg
Weight on rear axle	1720Kg
Total weight	3260Kg
Length(Lower links are horizontal)	4.01m
Width	2.06m
Height(Over of ROPS)	2.52m
Height(Over of steering wheel)	1.68m
Wheel base	2.29m
Turning radius(Without braking)	7.6m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Hinge Roll-Over Protective Structure (ROPS)	
Hydraulic valve for implements	
Weights for disk type rear wheels	
Toolkit	
Front weights	
Options	
Falling object protection (FOP)	
Synchromesh Transmission (12+4 speeds)	
Front wheels Mudguards	





ITM285New

2WD



Technical Specifications



ITM285New 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	82
Maximum torque Nm(Bs.AU.141.a)@1500rpm	345
Max. power available hp@PTO shaft	75
Max. power available hp@PTO shaft in 540rpm	69
Engine	
Make	Motorsazan
Model	MT441A
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbocharged
Bore	101mm
Stroke	127mm
Capacity	4.07 litre
Compression system	16 : 1
Start aid	Thermostart
Coling system	Water
Air cleaner	Dry, dual element
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	120 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM285New 2WD



Track adjustment	
Front	1346 - 1753
Rear	1422 - 2134
Transmission	
Type	Sliding-gear, 8Forward, 2Reverse
Power take-off	
Type	Single-speed,Two status(Engine and ground-speed)
P.T.O speed	540 rpm at 1684 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed,wet brakes
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -16 6 Ply
Rear (Disk type)	18.4*15 – 30 6Ply





ITM285New 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1260 Kg
Weight on rear axle	1700 Kg
Total weight	2960 Kg
Length(Lower links are horizontal)	4.01 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.68 m
Wheel base	2.29 m
Turning radius(Without braking)	7.6 m
Height over ground (Drawbar beneath)	0.38 m
Capacities	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Weights for disk type rear wheels	
Hinge Roll-Over Protective Structure (ROPS)	
Options	
Falling object protection (FOP)	
Synchromesh transmission (12+4 speeds)	
Hydraulic valve for implements	





ITM285

4WD



Technical Specifications



ITM285 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	75
Maximum torque Nm(Bs.AU.141.a)@1400rpm	290
Max. power available hp@PTO shaft	69
Max. power available hp@PTO at 540 shaft rpm	63
Engine	
Make	Motorsazan
Model	MN440A-75AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Normal respiration
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression system	16 : 1
Start aid	Thermostart
Coling system	Water
Air cleaner	Oil bath with pre-cleaner
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative earth
Battery	120A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM285 4WD



Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Sliding-gear, 8Forward, 2Reverse
Power take-off	
Type	Single-speed,Two status(Engine and ground-speed)
P.T.O speed	540 rpm at 1684 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft, position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , Wet brakes
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical
Tyres	
Front	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply





ITM285 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1540Kg
Weight on rear axle	1720Kg
Total weight	3260Kg
Length(Lower links are horizontal)	4.01m
Width	2.06m
Height(Over of ROPS)	2.528m
Height(Over of steering wheel)	1.68m
Wheel base	2.29m
Turning radius(Without braking)	7.6m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Hydraulic valve for implements	
Hinge Roll-Over Protective Structure (ROPS)	
Disk type rear wheels weights	
Toolkit	
Front weights	
Options	
Falling object protection (FOP)	
Synchromesh Transmission (12+4 speeds)	
Front wheels Mudguards	





ITM285

2WD



Technical Specifications



ITM285 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	75
Maximum torque Nm(Bs.AU.141.a)@1400rpm	290
Max. power available hp@PTO shaft	69
Max. power available hp@PTO shaft in 540rpm	63
Engine	
Make	Motorsazan
Model	MN440A-75AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Normal respiration
Bore	100mm
Stroke	127mm
Capacity	3.99 litre
Compression system	16.5 : 1
Start aid	Thermostart
Coling system	Water
Air cleaner	Oil bath with pre-cleaner
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	120 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM285 2WD



Track adjustment	
Front	1346 - 1753
Rear	1422 - 2134
Transmission	
Type	Sliding-gear , 8Forward, 2Reverse
Power take-off	
Type	Single-speed,Two status(Engine and ground-speed)
P.T.O speed	540 rpm at 1684 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category2, fixed
Accessories	Draft,position and response control
Max. lift capacity	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Steering	
Type	Hydrostatic
Type	Mechanical
Brakes	
Type	Oil immersed
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -16 6 Ply
Rear (Disk type)	18.4*15 – 30 6Ply





ITM285 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1260 Kg
Weight on rear axle	1700 Kg
Total weight	2960 Kg
Length(Lower links are horizontal)	4.01 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.68 m
Wheel base	2.29 m
Turning radius(Without braking)	7.6 m
Height over ground (Drawbar beneath)	0.38 m
Capacities	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hinge Roll-Over Protective Structure (ROPS)	
Disk type rear wheels weights	
Балансовые массы	





ITM470

4WD



Technical Specifications



ITM470 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2250 rpm	47
Maximum torque Nm(Bs.AU.141.a)@1400rpm	170
Max. power available hp@PTO shaft	44
Max. power available hp@PTO shaft in 540rpm	37.7
Engine	
Make	Motorsazan
Model	MN325D-47AD
Type	Diesel, Direct injection
Number of cylinders	3
Aspiration	Normal respiration
Pollution standard	ECE R96,R24-STAGE 3A
Bore	91.4 mm
Stroke	127mm
Capacity	2.5 litre
Compression ratio	18.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element
Fuel filter	Single, high capacity with sedimentor
Exhaust	Horizontal
Electrical system	
Voltage	12 V , Negative to earth
Battery	66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM470 4WD



Track adjustment	
Front	1123 – 1624 mm
Rear	1227 – 1930 mm
Transmission	
Type	Sliding-gear , 8Forward, 2Reverse
Power take-off	
Type	Single-speed, Live with engine
P.T.O speed	540 rpm at 1789 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Type	Carraro 20.14
Diff. lock	Autolock
Turning angle	40°
Hydraulic	
Three Point linkage	Category1,2 Changeable
Accessories	Draft,position and response control
Max. lift capacity	1415 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	173 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -18 6 Ply
Rear (Disk type)	12.4*11 – 28 6Ply





ITM470 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	920 Kg
Weight on rear axle	1490 Kg
Total weight	2410 Kg
Length(Lower links are horizontal)	3.29m
Width	1.67 m
Height(Over of ROPS)	2.32 m
Height(Over of steering wheel)	1.53 m
Wheel base	2 m
Turning radius(With braking)	3 m
Height over ground (Drawbar beneath)	0.26 m
Capacities	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine sump	5.7 litre
Cooling system	10.2 litre
Steering pump	0.9 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hinge roll-over protective structure (ROPS)	
Front weights	
Options	
Falling object protection (FOP)	
Hydraulic valve for implements	
Disk type rear wheels weights	
Front wheels Mudguards	





ITM470

2WD



Technical Specifications



ITM470 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2250 rpm	47
Maximum torque Nm(Bs.AU.141.a)@1400rpm	170
Max. power available hp@PTO shaft	44
Max. power available hp@PTO shaft in 540rpm	37.7
Engine	
Make	Motorsazan
Model	MN325D-47AD
Type	Diesel, Direct injection
Number of cylinders	3
Aspiration	Normal respiration
Pollution standard	ECE R96,R24-STAGE 3A
Bore	91.4 mm
Stroke	127mm
Capacity	2.5 litre
Compression ratio	18.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element
Fuel filter	Single, High capacity with sedimentor
Exhaust	Horizontal
Electrical system	
Voltage	12 V, Negative to earth
Battery	66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM470 2WD



Track adjustment	
Front	1227 – 1836 mm
Rear	1227 – 1930 mm
Transmission	
Type	Sliding-gear, 8Forward, 2Reverse
Hydraulic	
Three Point linkage	Category1,2 Changeable
Accessories	Draft,position and response control
Max. lift capacity	1415 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	173 bar
Power take-off	
Type	Single-speed, Live with engine
P.T.O speed	540 rpm at 1789 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, wet brakes
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	6 -16 6 Ply
Rear (Disk type)	12.4*11 – 28 6Ply





ITM470 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	740 Kg
Weight on rear axle	1490 Kg
Total weight	2230 Kg
Length(Lower links are horizontal)	3.29 m
Width	1.67 m
Height(Over of ROPS)	2.32 m
Height(Over of steering wheel)	1.53 m
Wheel base	2 m
Turning radius(With braking)	3.10 m
Height over ground (Drawbar beneath)	0.26 m
Capacities	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine sump	5.7 litre
Cooling system	10.2 litre
Steering pump	0.9 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hinge roll-over protective structure(ROPS)	
Options	
Falling object protection (FOP)	
Hydraulic valve for implements	
Disk type rear wheels weights	





ITM240New

4WD



Technical Specifications



ITM240New 4WD



Performance	
Maximum hp(Bs.AU.141.a)@2250 rpm	47
Maximum torque Nm(Bs.AU.141.a)@1400rpm	170
Max. power available hp@PTO shaft	44
Max. power available hp@PTO shaft in 540rpm	37.7
Engine	
Make	Motorsazan
Model	MN325D-47AD
Type	Diesel, Direct injection
Number of cylinders	3
Aspiration	Normal respiration
Pollution standard	ECE R96,R24-STAGE 3A
Bore	91.4 mm
Stroke	127mm
Capacity	2.5 litre
Compression ratio	18.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element
Fuel filter	Single, high capacity with sedimentor
Exhaust	Horizontal
Electrical system	
Type	Dual
Plate diameter	305 mm
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM240New 4WD



Track adjustment	
Front	1123 - 1624
Rear	1227 - 1930
Transmission	
Type	Sliding-gear , 8Forward, 2Reverse
Power take-off	
Type	Single-speed , Live with engine
P.T.O speed	540 rpm at 1789 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Front axle	
Type	Carraro 20.14
Diff. lock	Autolock
Turning angle	40°
Hydraulic	
Three Point linkage	Category1,2 Changeable
Accessories	Draft,position and response control
Max. lift capacity	1415 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	173 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , Wet brakes
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical
Tyres	
Front	7.5 -18 6 Ply
Rear (Disk type)	12.4*11 – 28 6Ply





ITM240New 4WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	920 Kg
Weight on rear axle	1490 Kg
Total weight	2410 Kg
Length(Lower links are horizontal)	3.29m
Width	1.67 m
Height(Over of ROPS)	2.32 m
Height(Over of steering wheel)	1.53 m
Wheel base	2 m
Turning radius(With braking)	3 m
Height over ground (Drawbar beneath)	0.26 m
Capacities	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine sump	5.7 litre
Cooling system	10.2 litre
Steering pump	0.9 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hinge roll-over protective structure(ROPS)	
Options	
Falling object protection (FOP)	
Hydraulic valve for implements	
Disk type rear wheels weights	
Front wheels Mudguards	





ITM240New

2WD



Technical Specifications



ITM240New 2WD



Performance	
Maximum hp(Bs.AU.141.a)@2250 rpm	47
Maximum torque Nm(Bs.AU.141.a)@1400rpm	170
Max. power available hp@PTO shaft	44
Max. power available hp@PTO shaft in 540rpm	37.7
Engine	
Make	Motorsazan
Model	MN325D-47AD
Type	Diesel, Direct injection
Number of cylinders	3
Aspiration	Normal respiration
Pollution standard	ECE R96,R24-STAGE 3A
Bore	91.4 mm
Stroke	127mm
Capacity	2.5 litre
Compression system	18.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element
Fuel filter	Single , High capacity with sedimentor
Exhaust	Horizontal
Electrical system	
Voltage	12 V , Negative to earth
Battery	66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm





ITM240New 2WD



Track adjustment	
Front	1227 – 1836 mm
Rear	1227 – 1930 mm
Transmission	
Type	Sliding-gear , 8Forward, 2Reverse
Power take-off	
Type	Single-speed , Live with engine
P.T.O speed	540 rpm at 1789 rpm engine speed
Number of splines	6
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category1,2 Changeable
Accessories	Draft,position and response control
Max. lift capacity	1415 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	173 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , wet brakes
Function	Mechanical ,Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical
Tyres	
Front	6 -16 6 Ply
Rear (Disk type)	12.4*11 – 28 6Ply





ITM240New 2WD



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	740 Kg
Weight on rear axle	1490 Kg
Total weight	2230 Kg
Length(Lower links are horizontal)	3.29 m
Width	1.67 m
Height(Over of ROPS)	2.32 m
Height(Over of steering wheel)	1.53 m
Wheel base	2 m
Turning radius(With braking)	3.10 m
Height over ground (Drawbar beneath)	0.26 m
Capacities	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine sump	5.7 litre
Cooling system	10.2 litre
Steering pump	0.9 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Hydraulic valve for implements	
Disk type rear wheels weights	





ITM455

STAGE3-A 4WD



Technical Specifications



ITM455 4WD



Performance	
Maximum Hp(ECE-R120)@2250 Rpm	55
Maximum Torque Nm(ECE-R120)@1500rpm	210
Max. Power Available Hp@PTO Shaft	46
Engine	
Make	Motorsazan
Model	MT325A-55AD
Type	Diesel, Direct Injection
Number Of Cylinders	3
Aspiration	Turbocharger
Bore	91.4 mm
Stroke	127mm
Capacity	2.5 Litre
Compression Ratio	18 : 1
Start Aid	Thermostart
Cooling System	Water
Air Cleaner	Dry, dual element
Fuel Filter	Single, High Capacity With Sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V, Negative To Earth
Battery	66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number Plate, Brake And Rear Plough
Other equipment	Electrical Overrun Fuel Cut-off, Digital Panel, Horn, Trailer 7-Pin Plug
Clutch	
Type	Single plate,Dry
Plate diameter	305 mm





ITM455 4WD



Track adjustment	
Front	1123 - 1624
Rear	1227 - 1930
Transmission	
Type	Sliding-Gear, 8Forward, 2Reverse
Power take-off	
Type	Single-Speed, Live With Engine
P.T.O Speed	540 Rpm At 1790 Rpm Engine Speed
Number Of Splines	6
Shaft Diameter	35 mm
Hydraulic	
Three Point Linkage	Category1,2 Changeable
Accessories	Draft, Position And Response Control
Max. Lift Capacity	1415 Kg@ Lower Links Are Horizontal
Hydraulic Pump	Piston Pump
Max. Delivery	16.7 Lpm
Max. Pressure	173 Bar
Front axle	
Type	AG65
Turning angle	55°
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical ,Independent Or Both Wheels Together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand Lever
Differential lock	Mechanical
Tyres	
Front	7.5 -18 6 Ply
Rear (Disk type)	12.4×11 – 28 6Ply





ITM455 4WD



Weight and dimension	
With Full Fuel , Oil , Water And Front Weights	
Weight On Front Axle	1100 Kg
Weight On Rear Axle	1360 Kg
Total Weight	2460 Kg
Length(Lower Links Are Horizontal)	3290 mm
Width	1670 mm
Height(Over Of ROPS)	2320 mm
Height(Over Of Steering Wheel)	1530 mm
Wheel Base	2070 mm
Turning Radius(With Braking)	3000 mm
Height Over Ground (Drawbar Beneath)	260 mm
Capacities	
Fuel Tank	48 Litre
Hydraulic System	31 Litre
Engine Sump	5.7 Litre
Cooling System	11.7 Litre
Steering Pump	0.9 Litre
Other equipment	
Drawbar With Heavy – Trailer Hitch	
Toolkit	
Front Weights	
Rear wheels (Disk type) weight	
Hydraulic valve for implements	
Hinge Roll-Over Protective Structure (ROPS)	
Front wheels Mudguards	
Falling object protection (FOP)	
Options	
Front Tyre	9.5-20-6Ply
Rear Tyre (Disk Type)	13.6-28-6Ply





ITM1745

TILMAZ 4WD



Technical Specifications



ITM1745 4WD



Performance	
Maximum hp(ECE-R120)@2250 rpm	35kw
Maximum torque Nm(ECE-R120)@1400rpm	180Nm
Engine	
Make	Motorsazan
Model	MN325A-47AD
Type	Diesel, Direct injection
Number of cylinders	3
Aspiration	Turbo charger
Bore	91.4mm
Stroke	127mm
Capacity	2.5litre
Compression ratio	15.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical
Electrical system	
Voltage	12 V , Negative earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Single plate,Dry
Plate diameter	305 mm





ITM1745 4WD



Track adjustment	
Front	1175 mm
Rear	1175-1490 mm
Transmission	
Type	sliding(8Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/750 rpm at 1790 rpm engine speed
Number of splines	6/21 for 540 rpm/1000 rpm
Shaft diameter	35 mm
Hydraulic	
Three Point linkage	Category1,2, changeable
Accessories	Draft,position and response control
Max. lift capacity	1300 Kg@ lower links are horizontal
Hydraulic pump	gear pump
Max. delivery	30 lpm
Front axle	
Type	ITMCO
Turning angle	55°
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	210 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical
Tyres	
Front	18-8
Rear (Disk type)	24-14.9





ITM1745 4WD



Weight and dimension	
Length(Lower links are horizontal)	3630mm
Width	1600mm
Wheel base	1925mm
Turning radius(Without braking)	2500mm
Height over ground (Drawbar beneath)	355mm
Capacities	
Fuel tank	40 litre
Hydraulic system	40 litre
Engine sump	7.5 litre
Cooling system	10 litre
Steering pump	0.9 litre
Other equipment	
Falling object protection (FOP)	
Toolkit with Wrench	
Front weights	
Hinge roll-over protective structure (ROPS)	





ITM950



Technical Specifications



ITM950



Performance	
Maximum hp(Bs.AU.141.a)@2250 rpm	45
Maximum torque Nm(Bs.AU.141.a)@1400rpm	170
Max. power available hp@PTO shaft	44
Max. power available hp@PTO shaft in 540rpm	37.7
Engine	
Make	Motorsazan
Model	3.152
Type	Diesel,Direct injection
Number of cylinders	3
Aspiration	Normal respiration
Bore	91.4 mm
Stroke	127mm
Capacity	2.5 litre
Compression ratio	18.5 : 1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Oil bath with pre-cleaner
Fuel filter	Single , High capacity with sedimentor
Exhaust	Diagonal
Electrical system	
Voltage	12 V , Negative to earth
Battery	66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Side, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Sliding-gear, 6Forward, 3Reverse
Plate diameter	225 mm





ITM950



Transmission	
Type	Sliding-gear, 6Forward, 3Reverse
Hydraulic	
Three Point linkage	Category1
Max. lift capacity	1000 Kg@ lower links are horizontal
Hydraulic pump	Gear pump
Max. delivery	15 lpm
Max. pressure	250 bar
Power take-off	
Type	ingle-speed, Live with engine and transmission
P.T.O speed	540 rpm@ 1841 rpm engine speed
Number of splines	6
Upper shaft diameter/ Rotation	35 mm / Right turn
Down shaft diameter/ Rotation	35 mm / Left turn
Steering	
Type	Hydraulic, Articulate
Brakes	
Type	Drum brake
Function	Mechanical
Parking brake	Mechanical, Hand lever
Differential lock	Hydraulic
Tyres	
Front	8.25 -16 6 Ply
Rear	8.25 -16 6 Ply





ITM950



Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	920 Kg
Weight on rear axle	300 Kg
Total weight	1220 Kg
Length(Lower links are horizontal)	3.04 Kg
Width	1.06 Kg
Height(Over of ROPS)	1.58 m
Height(Over of steering wheel)	1.19 m
Wheel base	1.21 m
Turning radius(Without braking)	4.10
Height over ground (Drawbar beneath)	0.51 m
Capacities	
Fuel tank	30 litre
Hydraulic system	6 litre
Engine sump	5.7 litre
Cooling system	10.2 litre
Other equipment	
Drawbar	
Folding ROPS	
Toolkit	
Balasting weights on rear axle (2 parts)	





ABOUT IRAN TRACTOR FOUNDRY Co.

[FACTORY ENVIRONMENT](#)

[PRODUCT IMAGES](#)



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IRAN TRACTOR FOUNDRY Co.

Core Activities

- Designing and making tools and equipments needed for the foundry industry.
- Manufacturer of complex cast iron parts from 200 grams to 350 kilograms.
- Applying the knowledge and technology of casting by lost foam method to produce some key parts.
- Obtaining orders for the supply of machined and final parts.
- Active in the field of export markets.
- Designing and manufacturing equipment and some machines needed by the casting industry, such as automatic grinding machines, cold box grinding machines, shot blasting machines , leak test devices and...
- Providing laboratory services and product control such as: Quantometry, Three-dimensional dimensional control of CMM.
- Ultrasonic, X-ray, tests related to raw materials such as: sand, etc.



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IRAN TRACTOR FOUNDRY Co.

Iran tractor foundry is one of the companies belonging to the Iran tractor manufacturing group located in Tabriz City.

This company is the largest cast iron foundry in the IRAN.

It was established in 1987 first with the aim of supplying

Iran Tractor Manufacturing Group, but gradually. in addition to supplying the group's total needs, from its excess capacity, also provide orders for other domestic and foreign customers.

This large company, which has a history of half a century, has an area of more than 550 thousand square meters and having 62 thousand square meter indoor hall capable of producing more than 70 thousand tons of complex cast iron parts per year.

In addition to the quantitative size of this company's products, it is also leading in terms of quality.



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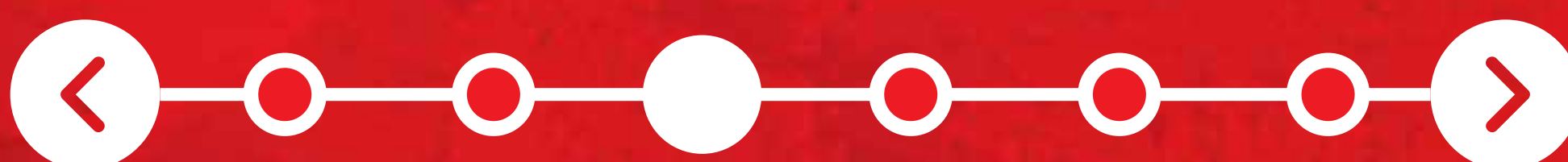


IRAN TRACTOR FOUNDRY Co.

This company supplies about 50 percent of its production to ITMCO , and the remaining 50 percent to other industries and exports. The products of this foundry is order-oriented and corresponds to the customer's needs and variety of more than 400 types of pieces in the annual production plane.

The Foundry have three fully automatic green sand molding lines for production of various types of cast iron parts in small dimensions, medium and large and also lost foam technology which is used by advanced industrial countries. This company relies on the expertise of experts , technical and by using modern knowledge and technology which has been placed and included knowledge-based companies of the country.

Also, in this foundry , with the effective implementation of the requirements International standards in management fields:



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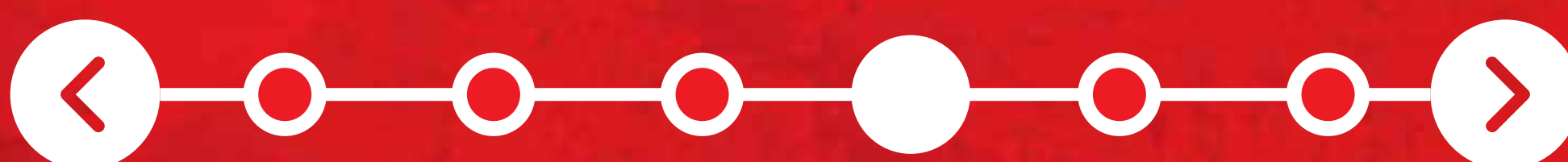


IRAN TRACTOR FOUNDRY Co.

- Production and quality (IATF 16949 & ISO 9001) management
- Occupational health and safety (ISO 45001)
- Environment (ISO 14001)
- Energy consumption management (ISO 50001)
- Integrated management system (IMS)

Receive the certificate of implementation of the mentioned systems from the reputable DQS institution is named one of the leading companies in the field of parts production cast iron have a powerful presence in national and global markets.

Quality assurance affairs of the ITF CO , using the most modern control equipment , like atomic absorption device, equipment measurement of all the characteristics of cores and sand molding materials , Quantometry, X-ray device, Ultrasonic device, Crack test with fluorescent materials, Tensile device, Impact test, macro



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IRAN TRACTOR FOUNDRY Co.

hardness tester and Micro, Brinell and Vickers, CCM Salt Spray portable and fixed, Product development and research process foundry from the moment the raw materials enter the foundry until the moment of packing and sending to the customer is monitored and controlled and in this direction by relying on national standards and international in order to ensure customer satisfaction and Fulfilling their requirements takes action.

This company controls and delivers quality parts on time , has always made it his policy and the promotion of the organization , commit yourself to improving the quality of the organization's services and products.

ITF CO , believes and has firm faith in this important matter and it will be continuous.

At present, Iran Tractor foundry is a one of the largest manufacturers of cast iron parts in the Middle East and in addition to significant exports



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IRAN TRACTOR FOUNDRY Co.

to foreign countries, It also plays a significant role in supporting other foundries in Iran.

Producing of more than 70 thousand tons of complex gray and ductile iron parts , such as heavy vehicle wheel hubs and cylinder blocks for types of domestically produced cars such as; TU5, EF7 , Tiba and Nissan is only part of this company's honors. Pay attention to the export is one of the main strategies of this company. Can be with a history of more than 25 years, in the field of export to european countries such as Italy, Germany, Türkiye, Belarus and Serbia. the company's exports include parts of heavy vehicles, tractors and road construction machines and more than one thousand tons of these parts are exported monthly.

This company has been selected nationally and provincially many times.



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Part of the
manufactured
products





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Industrial Services Company

PRODUCTS

Click to see the details of each Product

Backhoe Loader

ITM 130 4WD



ITM 100S+ 4WD



ITM 100S 4WD



ITM 100 4WD



Other Products



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Industrial Services Company

- Types of hydraulic cylinders >
- Spool Valves >
- Clutch of kinds of Tractors >
- Types of Tractors Hydraulic Pumps >
- Ipto Clutch >
- hydraulic valve >
- Single Spool Valve >
- Cover ipto >
- Dashboard of Tractors >
- Brake Silynders >
- P.M.V SPOOL >
- Brake Pump >
- Hydraulic Valve >
- Valve Selector Valve >
- Tractor Cabin >
- Tractor Cabin >



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Industrial Services Company



Types of hydraulic cylinders

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



Spool Valves

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



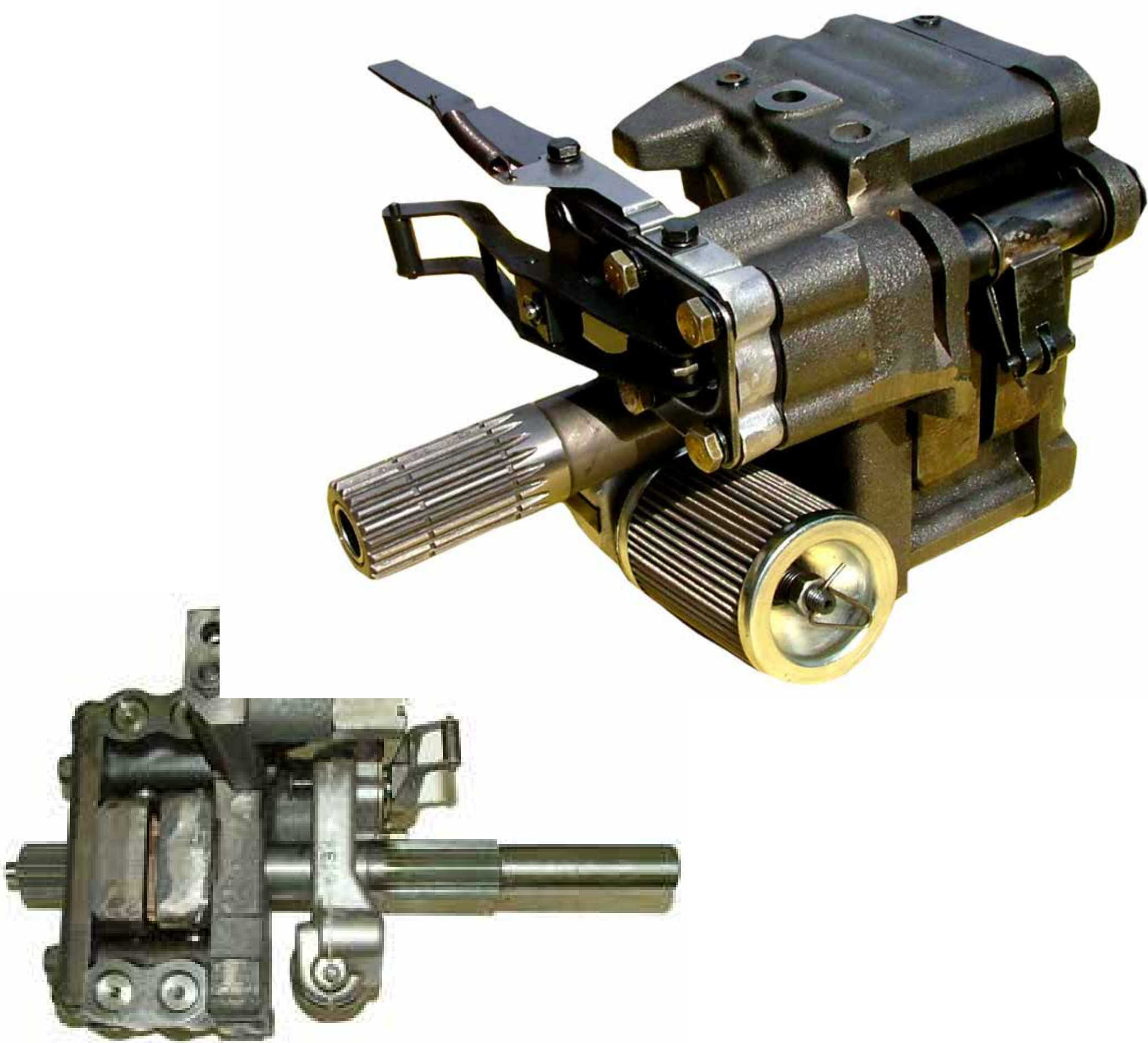
Clutch of kinds of Tractors

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



Types of Tractors Hydraulic Pumps

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



Ipto Clutch

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



hydraulic valve

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



Single Spool Valve

3761330 M91

ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd



Industrial Services Company



Cover ipto

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



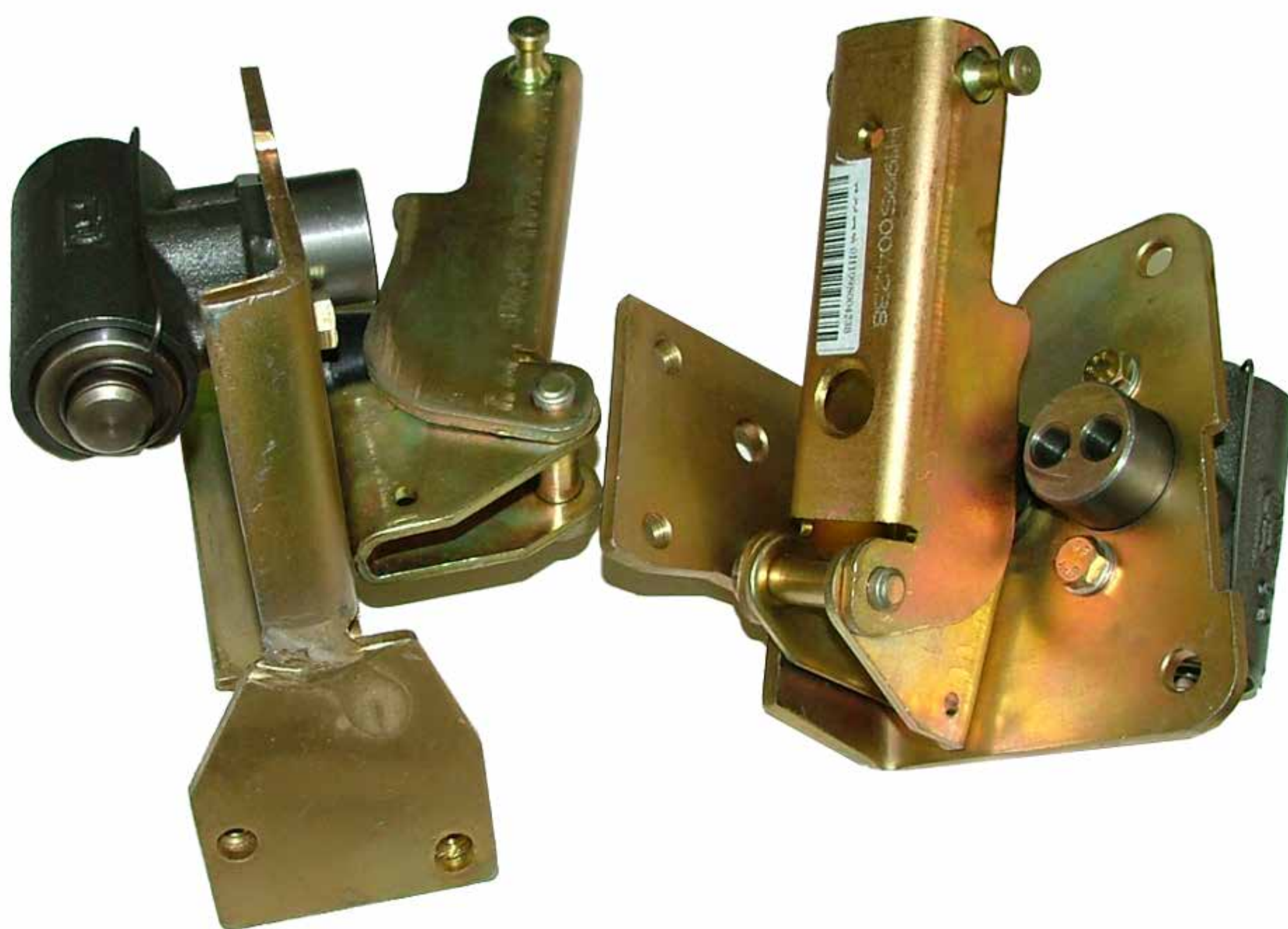
Dashboard of Tractors

118867T91, 115785T91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



Brake Silynders

3596781M94, 3596782M95

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



P.M.V SPOOL

115928T91, 115926T91

ITM 399, ITM 800, ITM 4120



Industrial Services Company



Brake Pump

3614780M91

ITM 4120,ITM 1500 ,ITM399,ITM 800



Industrial Services Company



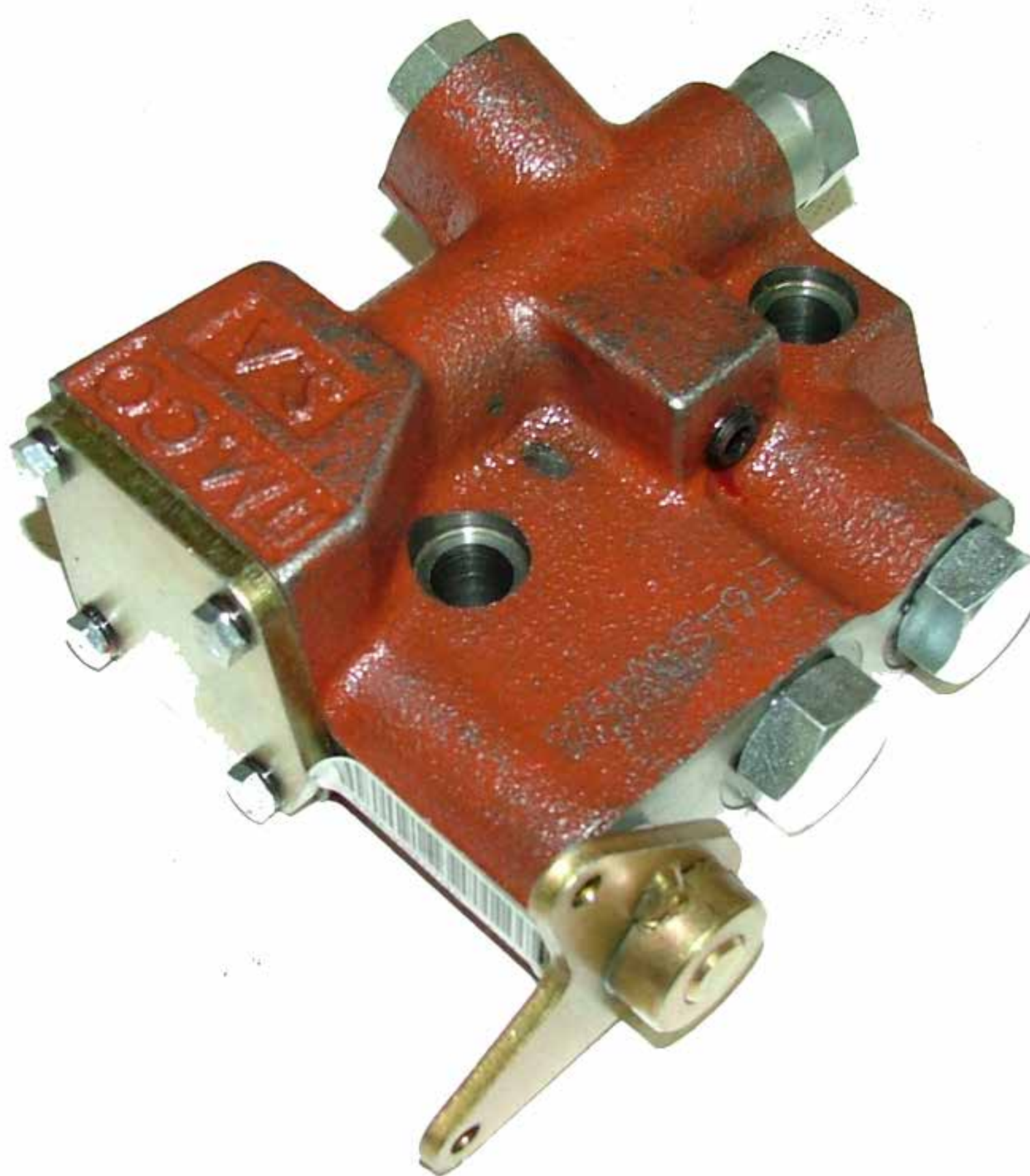
Hydraulic Valve

3761330 M91

**ITM 1500 4wd, ITM 4120 4wd, ITM 399 4wd
ITM 399 2wd**



Industrial Services Company



Valve Selector Valve

117411T91

ITM 399,ITM 800,ITM 4120,ITM475,ITM485



Industrial Services Company



Tractor Cabin

115928T91, 115926T91

ITM 399, ITM 475, ITM 800, ITM485



Industrial Services Company



Tractor Cabin

112902T91, 117391T91

ITM 4120 4Wd, ITM 1500 4wd



Backhoe Loader

ITM130

4WD



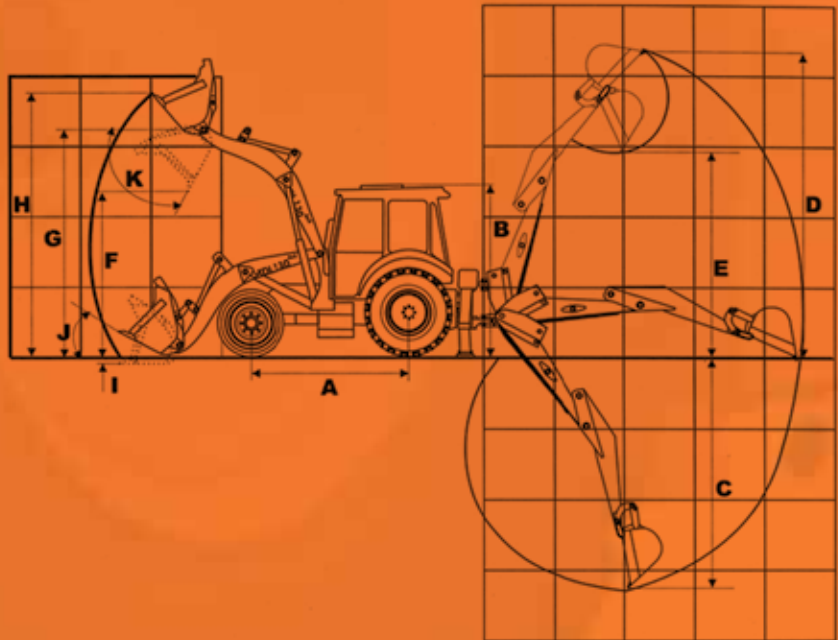
Technical Specifications



ITM130



Specification	
Dimensions	
Overall length	6350 mm
Max. digger height	3690 mm
A: Wheel base	2570 mm
B: Height to top of cabin	2800 mm
Width of machine	2310 mm
Loader	
F: Dump height on 45°	2740 mm
G: Height to hinge pin	3510 mm
H: Max. working height	4370 mm
1: Digging depth	100 mm
J: Max. angle when loading	45°
K: Max. angle when unloading	49°
Capacity of bucket	1200 lit.
Loader bucket width	2200 mm
Backhoe	
Max. Rotation angel of backhoe	170°
C: Digging depth Max.	3980 mm
D: Working height Max.	5340 mm
E: Loading height	3800 mm
Width of bucket	600 mm
Bucket capacity	193 lit.
Air Conditioning & Cab with Radio / Tape	
Total weight: 7500 kg	





ITM130



General Dimension	
Capacities	
Fuel tank	120 lit.
Engine oil tank	15.4 lit.
Hydraulic oil tank	60 lit.
Hydraulic System	100 lit.
Gear box oil	47.4 lit.
Cooling tank	30 lit.
Hydraulic System	
Pump type	Gear model
Hydraulic pump's flow	116 lit/min
Max. Working pressure	260 bar
Electric System	
Battery	2 x 12 V, 70 Ah
Engine	
Power	110 hp
Type	Perkins 1006
No. of cylinders	6
Capacity	6 lit
Transmission	
Type	Shuttle
Forward	8 Speed
Reverse	8 Speed
System	4WD
Tyres	
Front	12.00/20 16 ply
Rear	20.50-25-18 16 ply

Spesifications are subject to change without notice.



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Backhoe Loader ITM100S+ 4WD



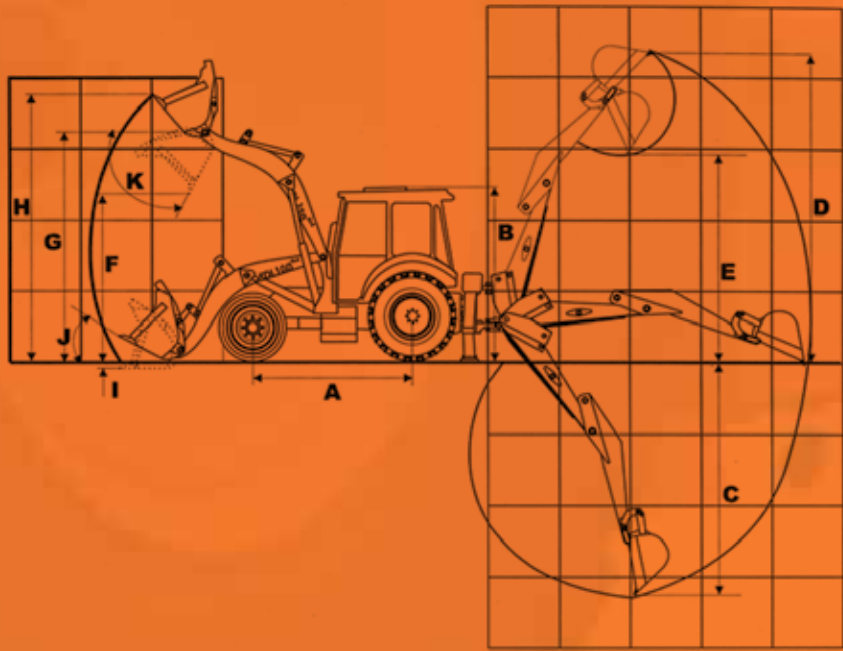
Technical Specifications



ITM100S+



Specification	
Dimensions	
Overall length	6180 mm
Max. digger height	3680 mm
A: Wheel base	2305 mm
B: Height to top of cabin	2700 mm
Width of machine	2250 mm
Loader	
F: Dump height on 45°	2740 mm
G: Height to hinge pin	3470 mm
H: Max. working height	4230 mm
1: Digging depth	80 mm
J: Max. angle when loading	56°
K: Max. angle when unloading	45°
Capacity of bucket	760 lit.
Loader bucket width	2200 mm
Backhoe	
Max. Rotation angel of backhoe	170"
C: Digging depth Max.	3980 mm
D: Working height Max.	5340 mm
E: Loading height	3800 mm
Width of bucket	600 mm
Bucket capacity	193 lit.
Air Conditioning & Cab with Radio / Tape	
Total weight: 6550 kg	





ITM100S+



General Dimension	
Capacities	
Fuel tank	120 lit.
Engine oil tank	8 lit.
Hydraulic oil tank	120 lit.
Hydraulic System	150 lit.
Gear box oil	43 lit.
Cooling tank	23 lit.
Hydraulic System	
Pump type	Gear model
Hydraulic pump's flow	116 lit/min
Max. Working pressure	260 bar
Electric System	
Battery	12 V, 150 Ah
Engine	
Power	82 hp
Type	MT 4-248 Perkins - Turbo
No. of cylinders	4
Capacity	4.06 lit
Transmission	
Type	Shuttle
Forward	8 Speed
Reverse	8 Speed
System	4WD
Tyres	
Front	12.5/80-18 14 ply
Rear	17.5-25 16 ply

Spesifications are subject to change without notice.





Backhoe Loader ITM100S 4WD



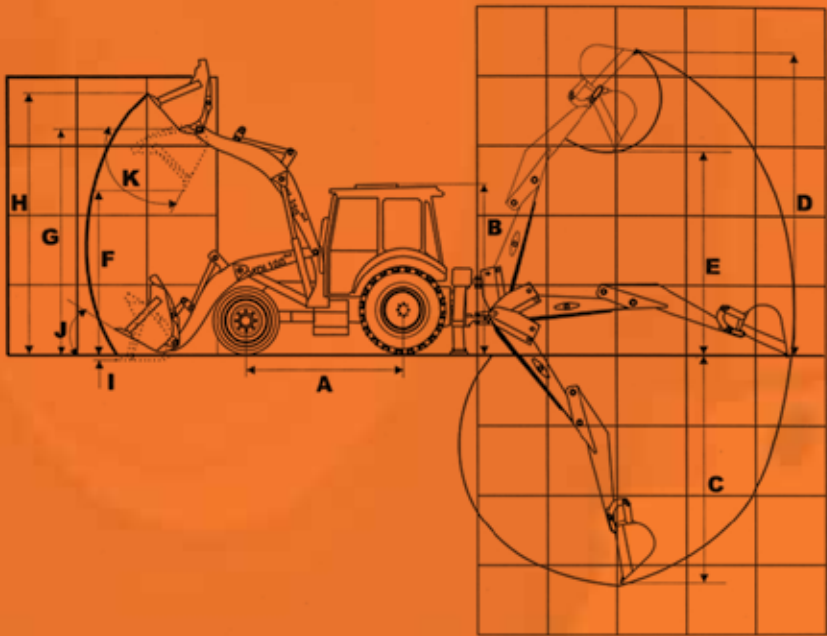
Technical Specifications



ITM100S



Specification	
Dimensions	
Overall length	6180 mm
Max. digger height	3680 mm
A: Wheel base	2305 mm
B: Height to top of cabin	2700 mm
Width of machine	2250 mm
Loader	
F: Dump height on 45°	2740 mm
G: Height to hinge pin	3470 mm
H: Max. working height	4230 mm
1: Digging depth	80 mm
J: Max. angle when loading	56°
K: Max. angle when unloading	45°
Capacity of bucket	760 lit.
Loader bucket width	2200 mm
Backhoe	
Max. Rotation angel of backhoe	170°
C: Digging depth Max.	3980 mm
D: Working height Max.	5340 mm
E: Loading height	3800 mm
Width of bucket	600 mm
Bucket capacity	193 lit.
Air Conditioning & Cab with Radio / Tape	
Total weight: 6550 kg	





ITM100S



General Dimension	
Capacities	
Fuel tank	120 lit.
Engine oil tank	8 lit.
Hydraulic oil tank	90 lit.
Hydraulic System	130 lit.
Gear box oil	43 lit.
Cooling tank	23 lit.
Hydraulic System	
Pump type	Gear model
Hydraulic pump's flow	116 lit/min
Max. Working pressure	260 bar
Electric System	
Battery	12 V, 150 Ah
Engine	
Power	82 hp
Type	Perkins Turbo MT4-248
No. of cylinders	4
Capacity	4.06 lit
Transmission	
Type	Shuttle
Forward	8 Speed
Reverse	8 Speed
System	4WD
Tyres	
Front	12.5/80-18 14 ply
Rear	17.5-25 16 ply

Spesifications are subject to change without notice.



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Backhoe Loader ITM100 4WD



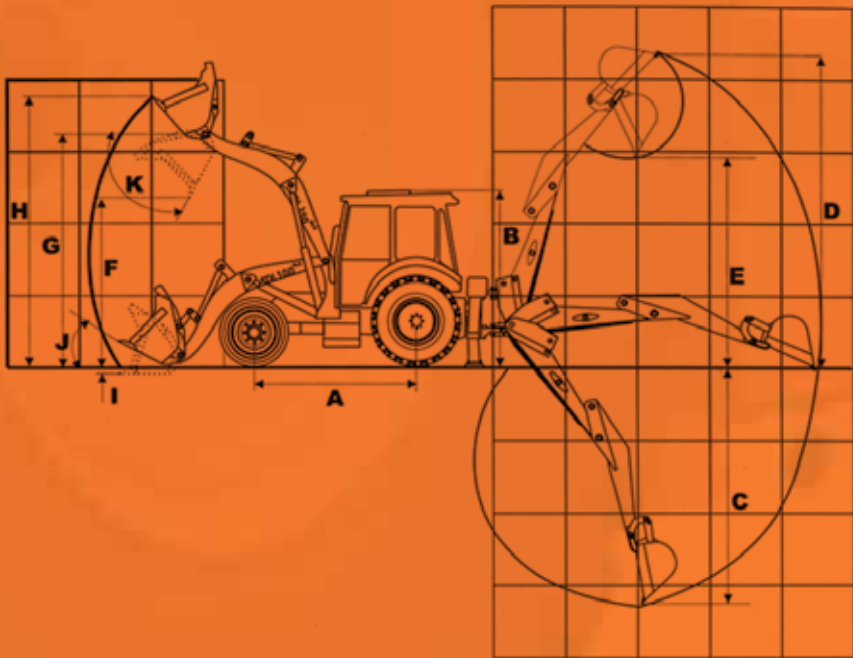
Technical Specifications



ITM100



Specification	
Dimensions	
Overall length	6180 mm
Max. digger height	3680 mm
A: Wheel base	2305 mm
B: Height to top of cabin	2700 mm
Width of machine	2250 mm
Loader	
F: Dump height on 45°	2740 mm
G: Height to hinge pin	3470 mm
H: Max. working height	4230 mm
1: Digging depth	80 mm
J: Max. angle when loading	56°
K: Max. angle when unloading	45°
Capacity of bucket	760 lit.
Loader bucket width	2200 mm
Backhoe	
Max. Rotation angel of backhoe	170°
C: Digging depth Max.	3980 mm
D: Working height Max.	5340 mm
E: Loading height	3800 mm
Width of bucket	600 mm
Bucket capacity	193 lit.
Air Conditioning & Cab with Radio / Tape	
Total weight: 6550 kg	





ITM100



General Dimension	
Capacities	
Fuel tank	120 lit.
Engine oil tank	8 lit.
Hydraulic oil tank	90 lit.
Hydraulic System	130 lit.
Gear box oil	43 lit.
Cooling tank	23 lit.
Hydraulic System	
Pump type	Gear model
Hydraulic pump's flow	116 lit/min
Max. Working pressure	260 bar
Electric System	
Battery	12 V, 150 Ah
Engine	
Power	82 hp
Type	Perkins Turbo MT4-248
No. of cylinders	4
Capacity	4.06 lit
Transmission	
Type	Shuttle
Forward	8 Speed
Reverse	8 Speed
System	4WD
Tyres	
Front	12.5/80-18 14 ply
Rear	17.5-25 16 ply

Spesifications are subject to change without notice.



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ABOUT ADVMCO

PRODUCTS



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Azarbaijan Diesel Vehicle Manufacturing Company

Core Activities

- Manufacturer of all kind of commercial vehicles
- Manufacturer of all types of bodies (cargo-boxes)



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Azarbaijan Diesel Vehicle Manufacturing Company

Azarbaijan diesel vehicle manufacturing company is one of subsidiary companies of Iran tractor manufacturing industrial group and is situated in Tabriz. This company was founded in 1995 with the goal of diversifying the group's products and with the purpose of producing and supplying light and heavy commercial vehicles and relying on the technical knowledge and facilities of the local manufacturers, the 5-ton Azarakhsh (with more than 85% domestic production) and the 6-ton KADIA trucks have been produced. Due to the rapid changes in the technology of the automobile industry and the improvement of the requirements of the standards, nowadays the new 11-ton C500 truck with global specifications and standards has been introduced and placed in the company's production line, and the other products will be added to the company's product variety gradually. In addition to the main activity,



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Azarbaijan Diesel Vehicle Manufacturing Company

the company has been licensed to produce bodies for all sorts of commercial vehicles. This company, with the aim of solving a part of the country's transportation requisite and also with the intention of increasing localization, collaborates with academics, knowledge-based companies, local component manufacturers, and designers to produce vehicles with the highest quality and more economical products, and strives to provide better services to customers.



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(سهامی خاص)
خودروسازان دینری آذربایجان
متعلق به شرکت تراکتورسازی ایران

YUEJIN

C500



Technical Specifications



YUEJIN C500



SPECIFICATIONS		
Model		YUEJIN
Type		C500-47D10
CAB		
Type		King Size -Tilt
No. of seats		3
DIMENSIONS & WEIGHTS		
Overall dimensions	Length	8400 mm
	Width	2385 mm
	Height	3580 mm
Wheelbase		4750 mm
Tread		1750 mm (Front), 1740 mm (Rear)
Cargo deck (inside)	Length	6300 mm
	Width	2310 mm
Curb weight		4350 kg (Without cargo body)
Gross vehicle weight		11000 kg
ENGINE		
Model		Cummins ISF3.8s5168
Type		Diesel, 4-cylinder, in line, water-cooled
Bore & stroke		102x115 mm
Displacement		3760 cm ³
Compression ratio		17.2:1
Max. power		122 Kw @ 2600 rpm
Max. torque		600 Nm @ 1300-1700 rpm
Emission Level		EuroV - EEV
ELECTRICAL		
Battery		24V, 2x(12V100Ah)
Alternator		28V, 70A



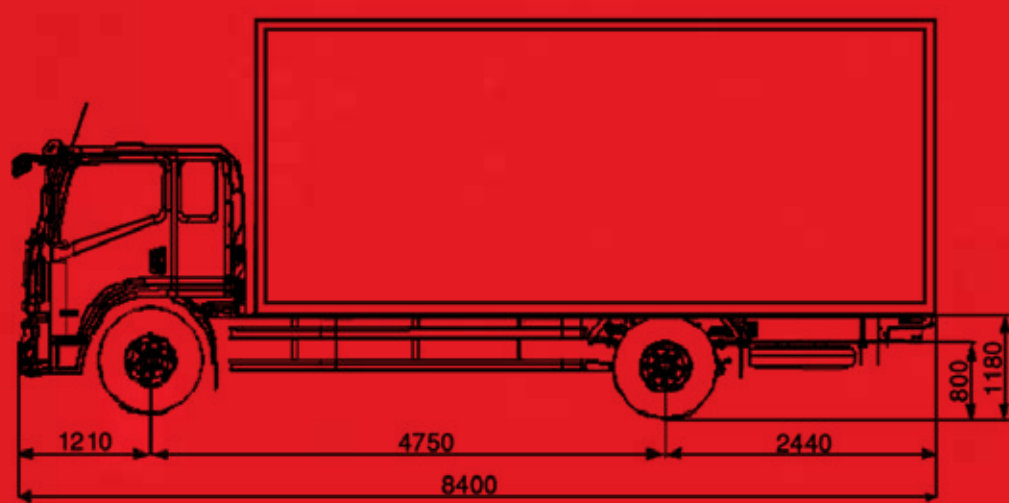


YUEJIN C500



DRIVE TRAIN		
Clutch		Hydraulic, Air booster, Diaphragm spring clutch, Push type
Gearbox		6MT, WLY-6G120
Axle		Ratio (5.286:1)
Max gradeability		35%
CHASSIS		
Frame		Ladder shaped, $\langle \rangle$ section
Suspension, front/rear		Leaf springs
Shock absorber, front/rear		Hydraulic shock absorbers
Steering		Power steering, Automatic unloading valves
Brake	Type	Air brake, ABS-EBD system
	Front/Rear	Front: Disc, Rear: Drum
Min. turning radius		9500 mm
Tires		8.25-R20
Fuel tank volume		160 L
other Equipments		
☒	Radio+USB	
☒	Air conditioner	
☒	Can bus	
☒	Cigarette Lighte Socket	
☒	Cab Lock Status Sensor	
☐	Air deflector	
☒	Central lock + Remoting control key	
☒	Power window	
☒	Speed limiter	
☐	Cruise control system	
☐	Immobilizer	
☐	Electrical heating on rear view mirror	
☐	Reversing radar	
☒	Front stabilizer	
☐	PTO	
☐ optional ☒ standard		







ABOUT AMTMCO

PRODUCTS



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Agricultural Machinery of Tractor Manufacturing Co.

Agricultural Machinery of Tractor Manufacturing Co.

Core Activities

- **Developing the domestic market share of Agricultural Machines and leading in the supply of semi-advanced and advanced machines.**
- **Designing, producing and presenting new and high-quality products according to the needs and demands of customers.**
- **Increasing customer satisfaction.**
- **Development of new businesses.**



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Agricultural Machinery of Tractor Manufacturing Co.

Agricultural Machinery of Tractor Manufacturing Company was established in 2023. The purpose of the establishment of this company is to design, manufacture and trade various types of agricultural machines by taking advantage of the capabilities of Iran Tractor Manufacturing Group and other reputable companies producing agricultural machines in the country. The development of mechanization in the agricultural industry with the supply of semi-advanced and advanced equipment in accordance with the needs of domestic and foreign customers is one of the main goals of this company, and in this field, several projects have been defined and are being implemented.

pioneer in the sale of agricultural machines,
pioneer in production



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Agricultural Machinery of Tractor Manufacturing Co.

Agricultural Machinery of Tractor Manufacturing Co.

Transplanter



Chopper



Disc harrow



Row Planter



Rotavator



Reversible Moldboard Plow



Plow



Mower



Baler

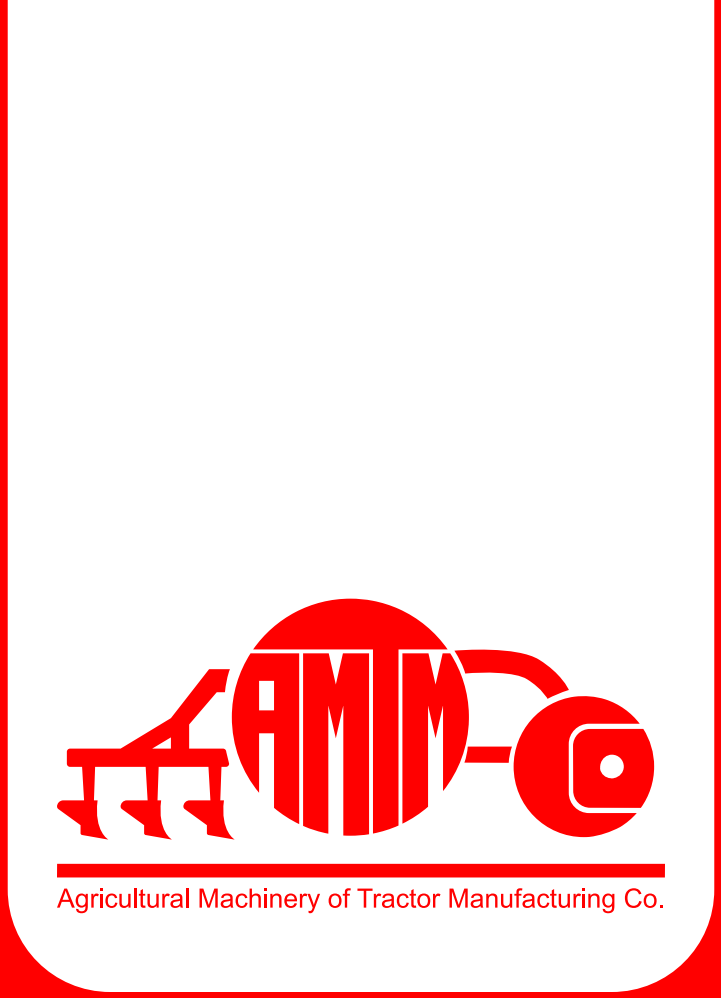


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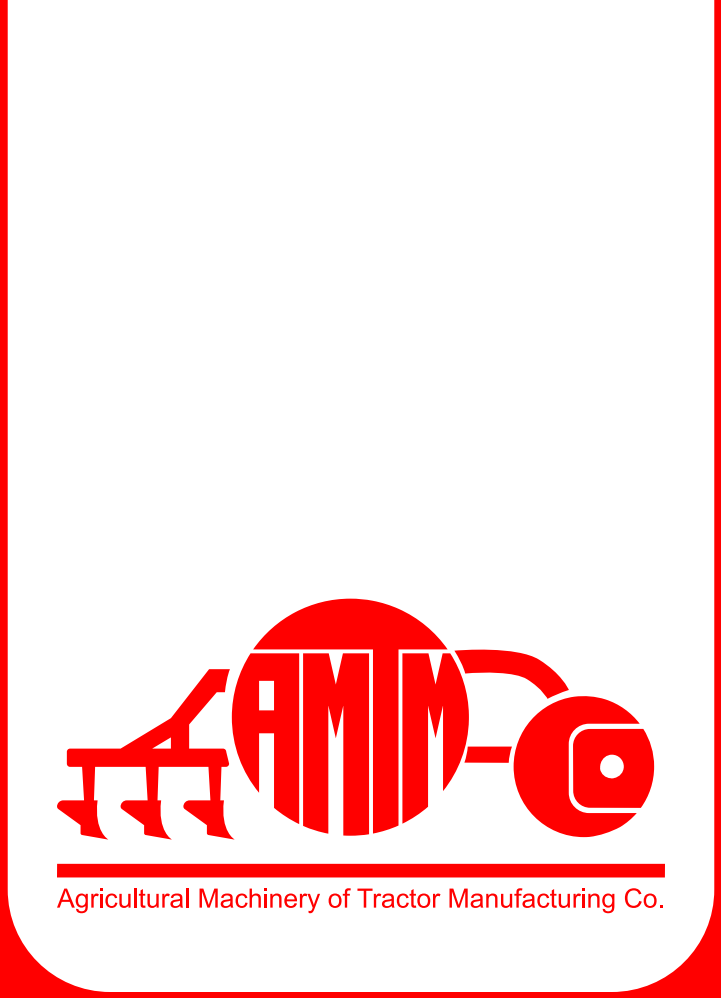
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Agricultural Machinery of Tractor Manufacturing Co.



Transplanter



Agricultural Machinery of Tractor Manufacturing Co.



Chopper



Agricultural Machinery of Tractor Manufacturing Co.



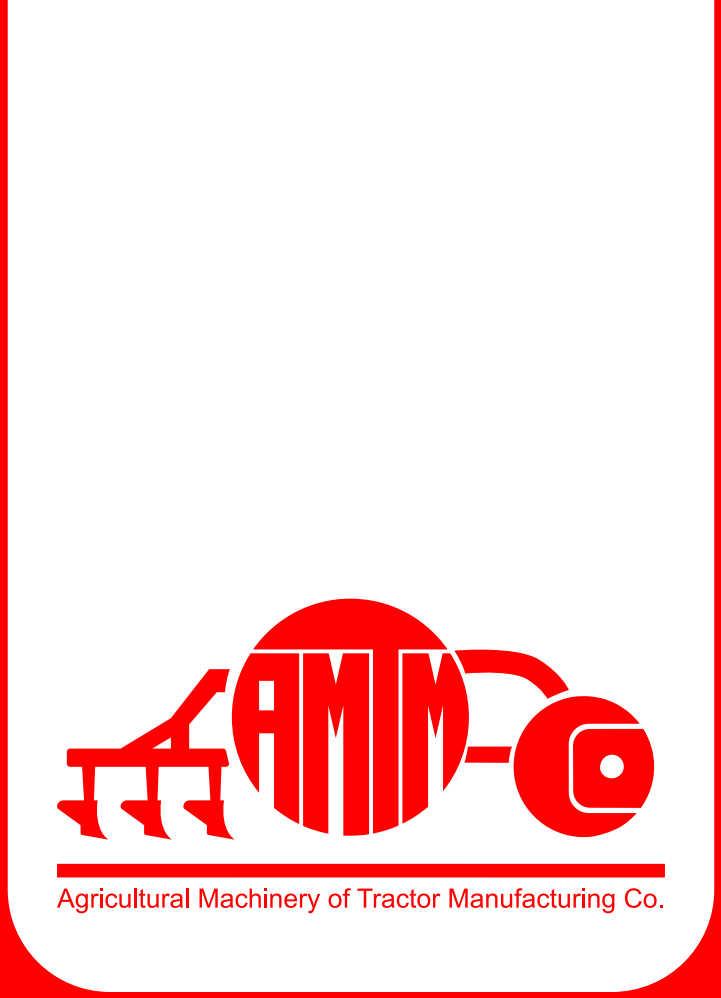
Disc harrow



Agricultural Machinery of Tractor Manufacturing Co.



Row Planter



Agricultural Machinery of Tractor Manufacturing Co.



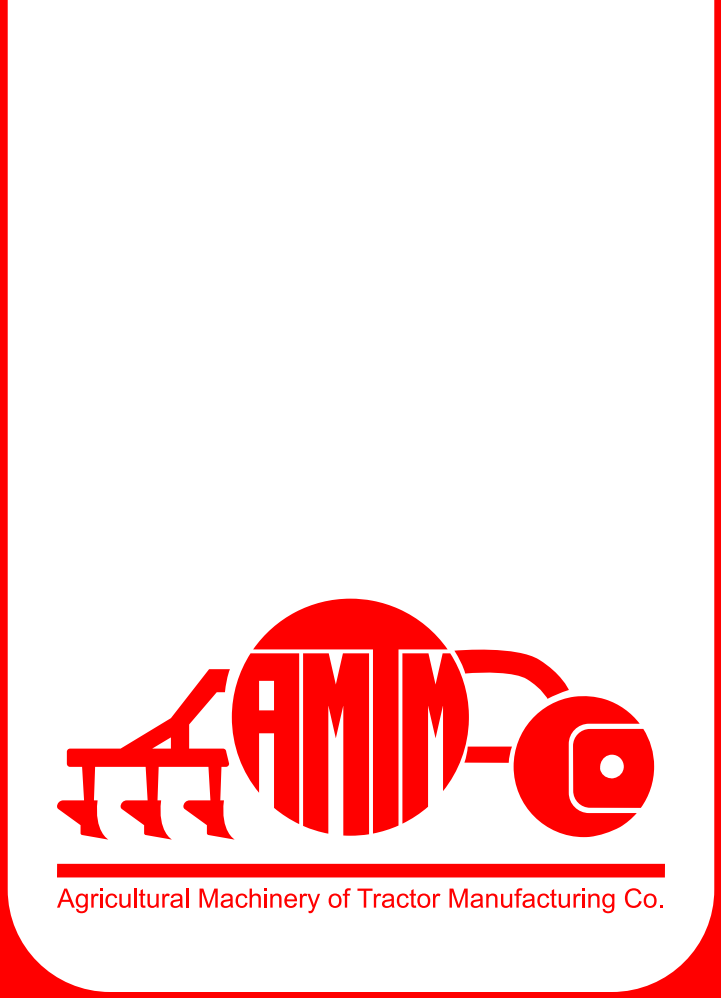
Rotavator



Agricultural Machinery of Tractor Manufacturing Co.



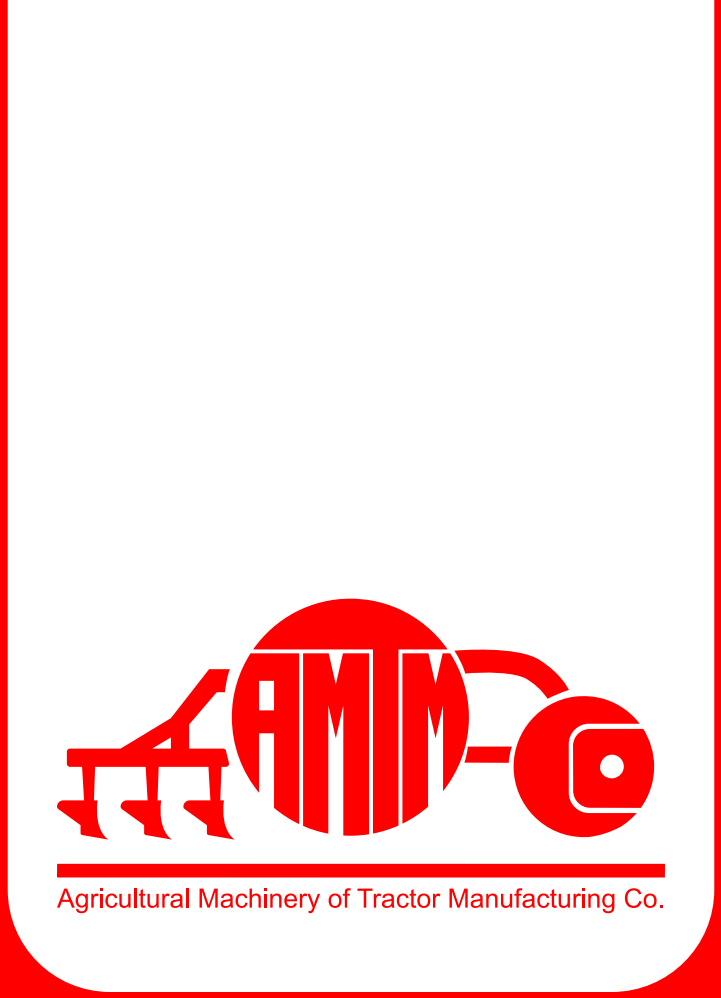
Reversible Moldboard Plow



Agricultural Machinery of Tractor Manufacturing Co.



Plow



Agricultural Machinery of Tractor Manufacturing Co.



Mower



Agricultural Machinery of Tractor Manufacturing Co.



Baler



ABOUT TOOL MAKING CENTER

PRODUCTS

EQUIPMENT



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Tool Making Center of Tractor Manufacturing Co.

Core Activities

- Supplying hobs.
- Supplying Shaper Cutters.
- Supplying Milling Cutters.
- Supplying Broach Splines.
- Supplying Master Gears.
- Supplying Spline Gage for Internal Gears.
- Providing coating services.
- Providing tool steel heat treatment services.
- Providing reverse gear control and engineering services.



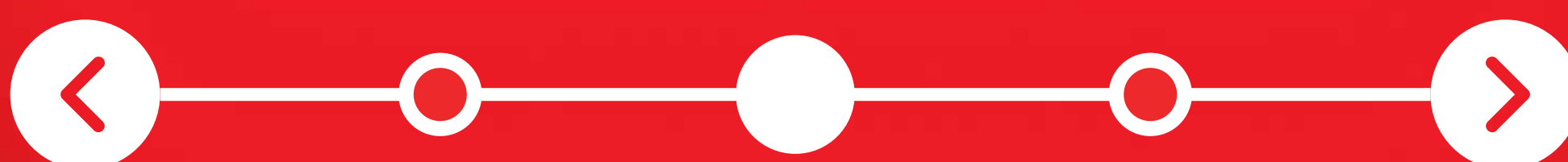
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Tool Making Center of Tractor Manufacturing Co.

Tabriz Tractor Industrial Group's Tool Making Center started its activity at the same time as Tabriz Tractor Manufacturing Company was established in 1968 in the field of supplying special tools needed for tractor production and assembly lines. In 1993, due to the extensive needs of tractor parts production workshops, this center started designing and manufacturing gear cutting tools such as hobs, Shaper cutters and special milling cutters. Over the years, the tool making center has developed the cutting tools quantitatively and qualitatively, until in 2019, by using advanced form grinding machines with the latest European technology, the GMM profile control machine, as well as using young and expert personnel, it has made significant progress in the field of increasing the capacity and improving the



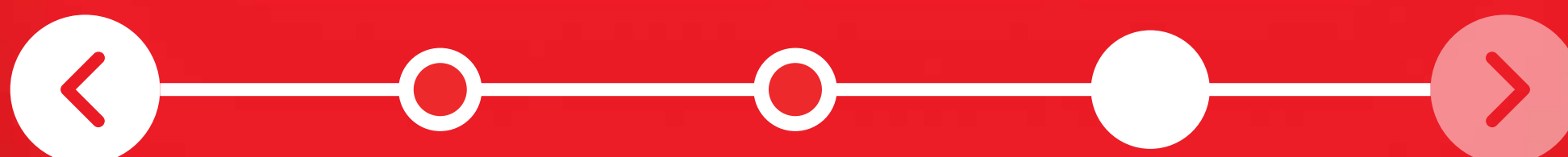
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Tool Making Center of Tractor Manufacturing Co.

standard of cutting tools. Now, in 2021, with the launch of a complete coating line using the physical vapor deposition method (Arc PVD Coating) by using the latest German technology, the production chain of gear cutting tools has been completed, and this center offers its production tools with a quality that can compete with reputable European products.



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Tool Making Center of Tractor Manufacturing Co.

Shank Type Shaper Cutter



Disk Type Shaper Cutter



Hub Type Shaper Cutter



Standard Master Gear



HOB for gears with involute flanks



Worm Wheel HOB



Horn Type HOB



HOB for Spline shafts with involute, straight and serrated teeth



Form Milling Cutter



Involute Milling Cutter



Rack Milling Cutter



Spline Gage For Internal Gear

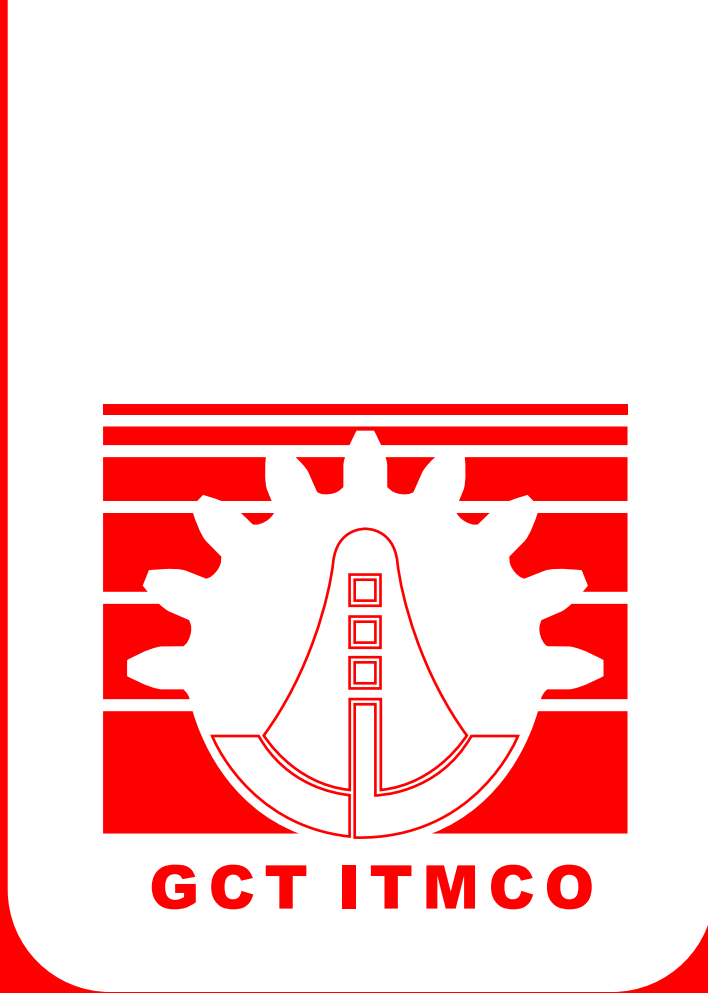


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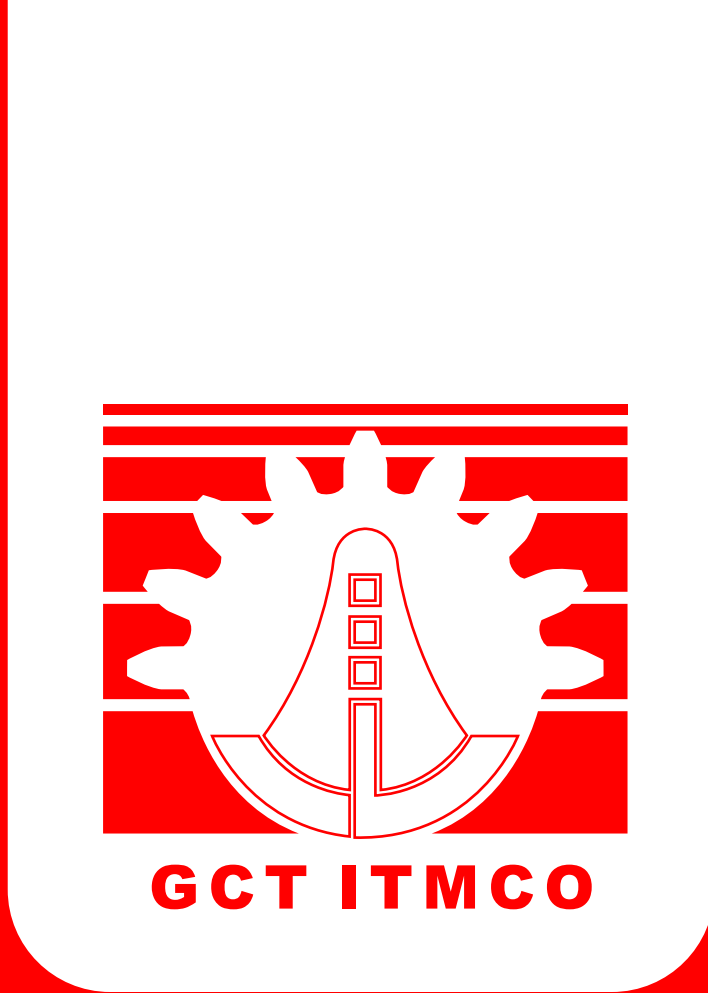


Tool Making Center of Tractor Manufacturing Co.



Shank Type Shaper Cutter

This type of Shaper Cutter is used to produce internal or external gears with a simple or helical teeth. In the tool making center, Shaper Cutters with a modulus of 0.5 to 8 mm or DP3.5 to DP50 can be produced with geometry suitable to the spindle of the machine.



Tool Making Center of Tractor Manufacturing Co.



Disk Type Shaper Cutter

This type of Shaper Cutter is used to produce internal or external gears with a simple or helical form. In the tool making center, Shaper Cutters' with a modulus of 0.5 to 8 mm or DP3.5 to DP50 can be produced.

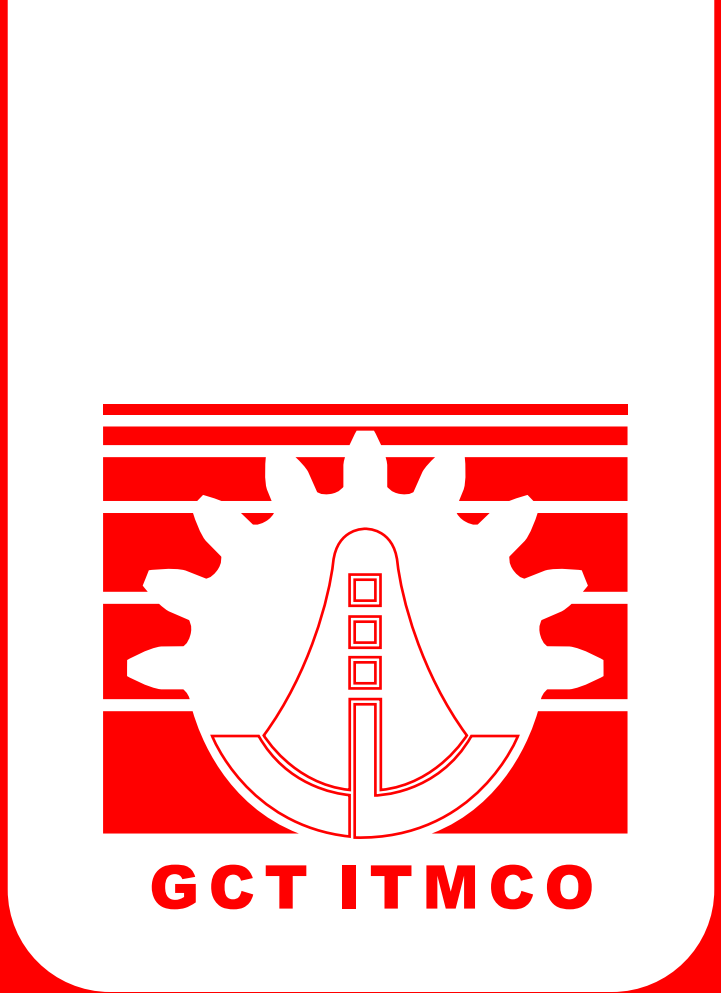


Tool Making Center of Tractor Manufacturing Co.



Hub Type Shaper Cutter

This type of Shaper Cutter is used to produce internal or external gears with a spur or helical shape. Shaper Cutters with a module of 0.5 to 8 mm or DP3.5 to DP50 with a shape suitable for the geometry of the work piece and the machine can be produced in the tool making center.



Tool Making Center of Tractor Manufacturing Co.



Standard Master Gear

master gear is used for inspection of the produced gears as a test gear. In the tool making center, master gears are produced in accordance with the DIN 3970 standard with the highest quality and dimensional and geometric accuracy.



Tool Making Center of Tractor Manufacturing Co.

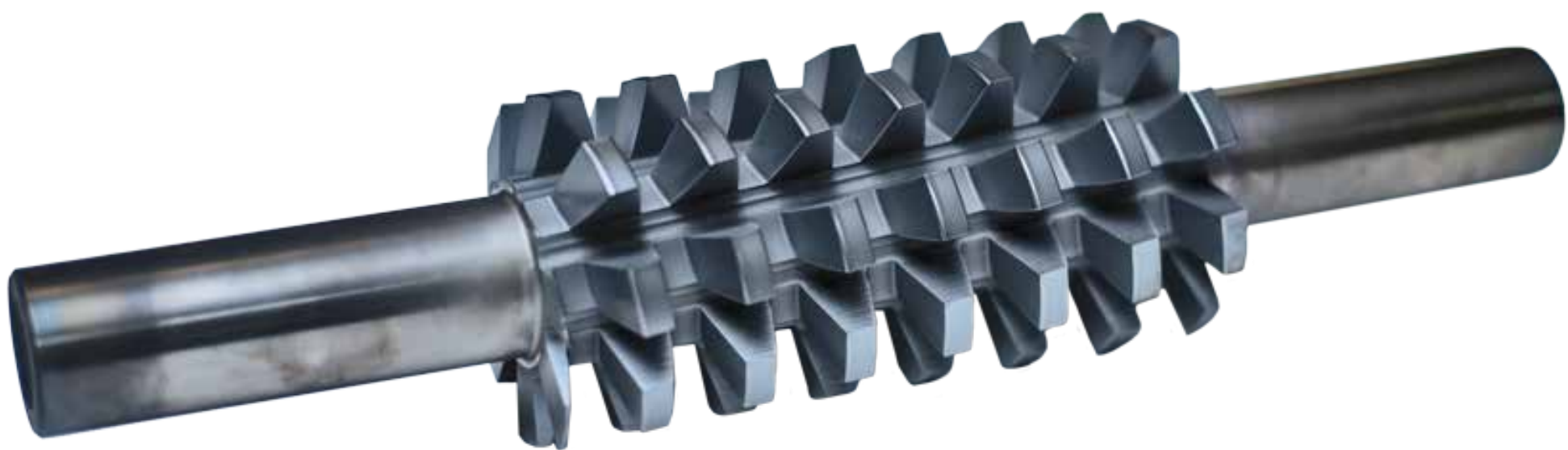


HOB for gears with involute flanks

This type of HOB is used to produce gears with an involute profile. In this center, all kinds of hole type and shank type Hobs from module 0.5 to 8 or DP3.5 to DP50 are produced in single or multiple start for the production of spur, helical and spline gears. According to the customer's request, the HOB can be produced as a straight groove or a spiral groove (with Gash Lead).



Tool Making Center of Tractor Manufacturing Co.



Worm Wheel HOB

This type of HOB is used to produce worm wheels. The worm wheel HOB is designed and produced in different modules and specifications as single or multi-start in the Tool Manufacturing Center.



Tool Making Center of Tractor Manufacturing Co.



Horn Type HOB

This type of hob is used to produce shaft couplings with an undercut form.



Tool Making Center of Tractor Manufacturing Co.



**HOB for Spline shafts with involute,
straight and serrated teeth**

This type of HOB is used to produce shafts with involute spline, straight spline and serration teeth.



Tool Making Center of Tractor Manufacturing Co.



Form Milling Cutter

formmillingcuttersaredesignedandmanufactured
in the Tool Making Center according to the work-
piece form





Tool Making Center of Tractor Manufacturing Co.



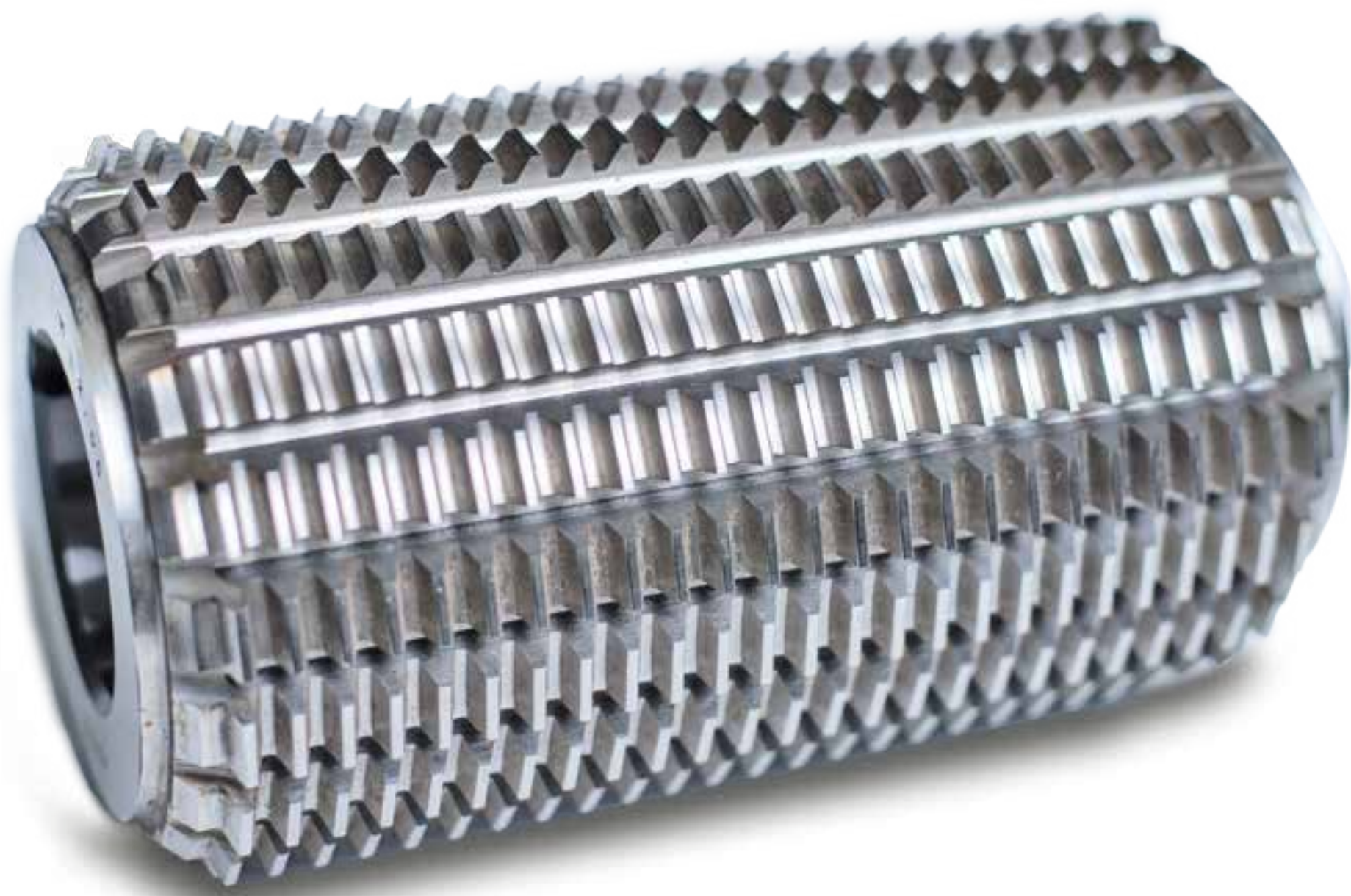
Involute Milling Cutter

The involute milling cutter is used to make various spur and helical gears on the milling machine.



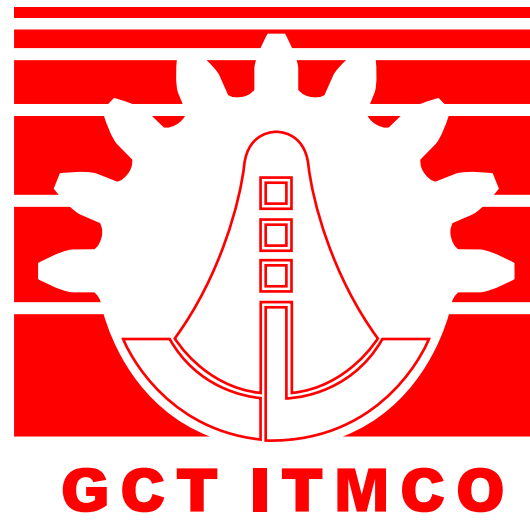


Tool Making Center of Tractor Manufacturing Co.



Rack Milling Cutter

The Rack Milling cutter is used for the production of rack gears



Tool Making Center of Tractor Manufacturing Co.



Spline Gage For Internal Gear

The internal gear spline gauge is produced and supplied in the tool making center to control internal spline gears according to the ANSI B92.1 standard.



Tool Making Center

خط تولید بروج های اسپلین



Hob profile grinding machine



Shaper Cutter profile grinding machine



CMM and GMM



Laboratory of materials and metallurgy



Salt bath heat treatment up to 1300 °C



Cryogenic treatment down to -196 °C with control equipment



Complete coating line by Physical Vapor Deposition method
(PVD Coating)



Coating Lab



Automatic Cleaning Machine



Wet Blasting Machine



Dry Blasting Machine

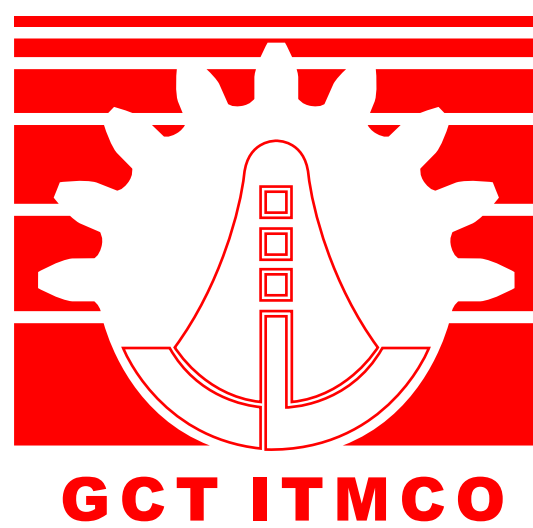


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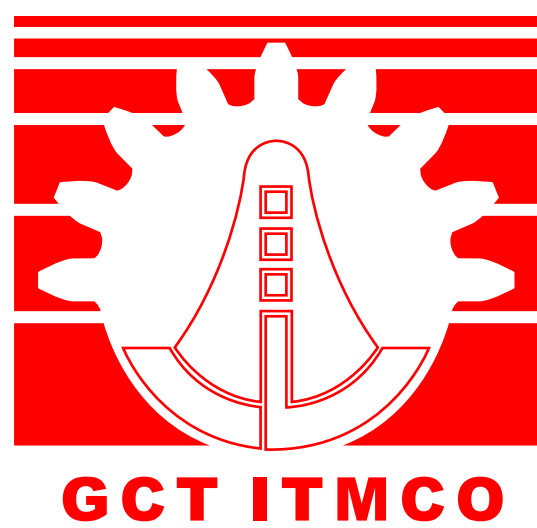
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Tool Making Center of Tractor Manufacturing Co.



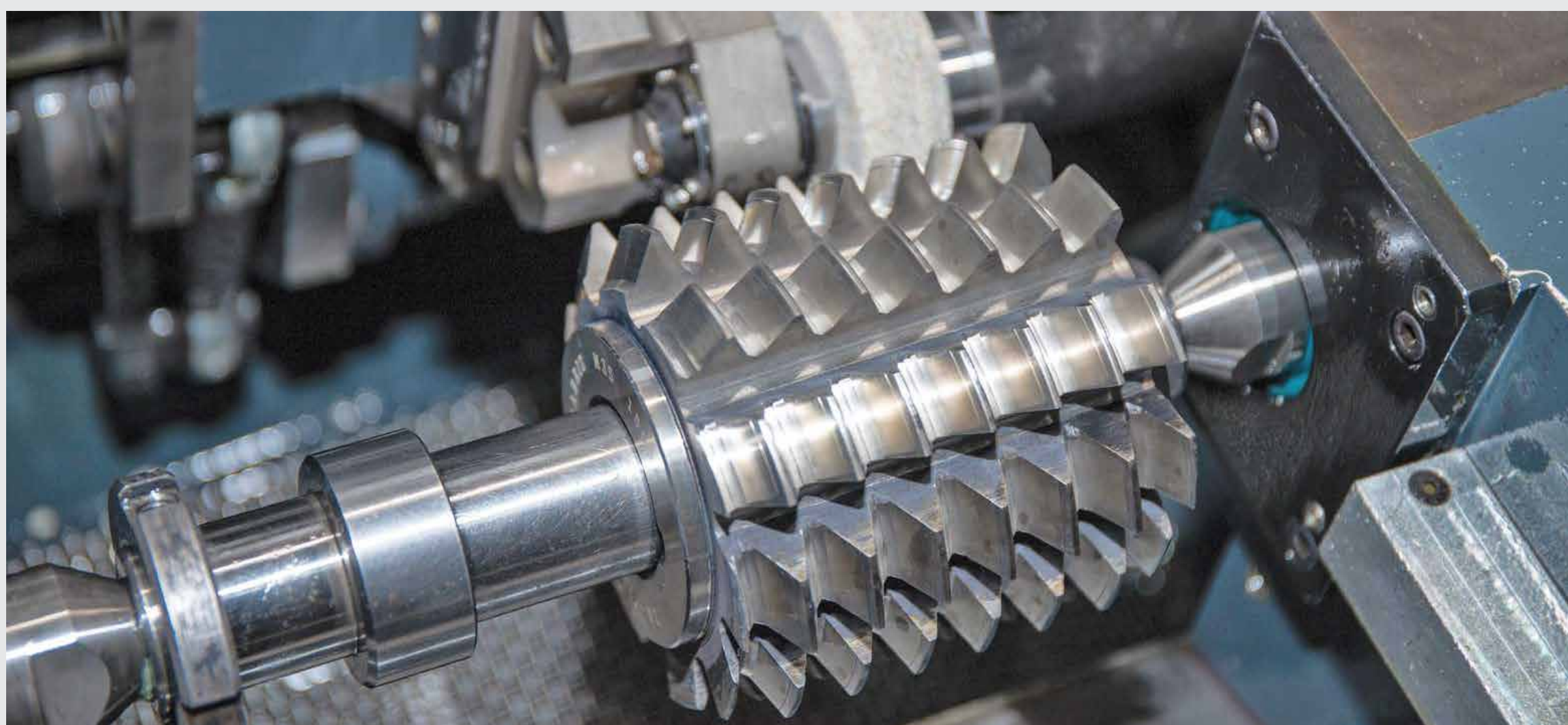
خط تولید بروچ های اسپلاین



Tool Making Center of Tractor Manufacturing Co.



Hob profile grinding machine

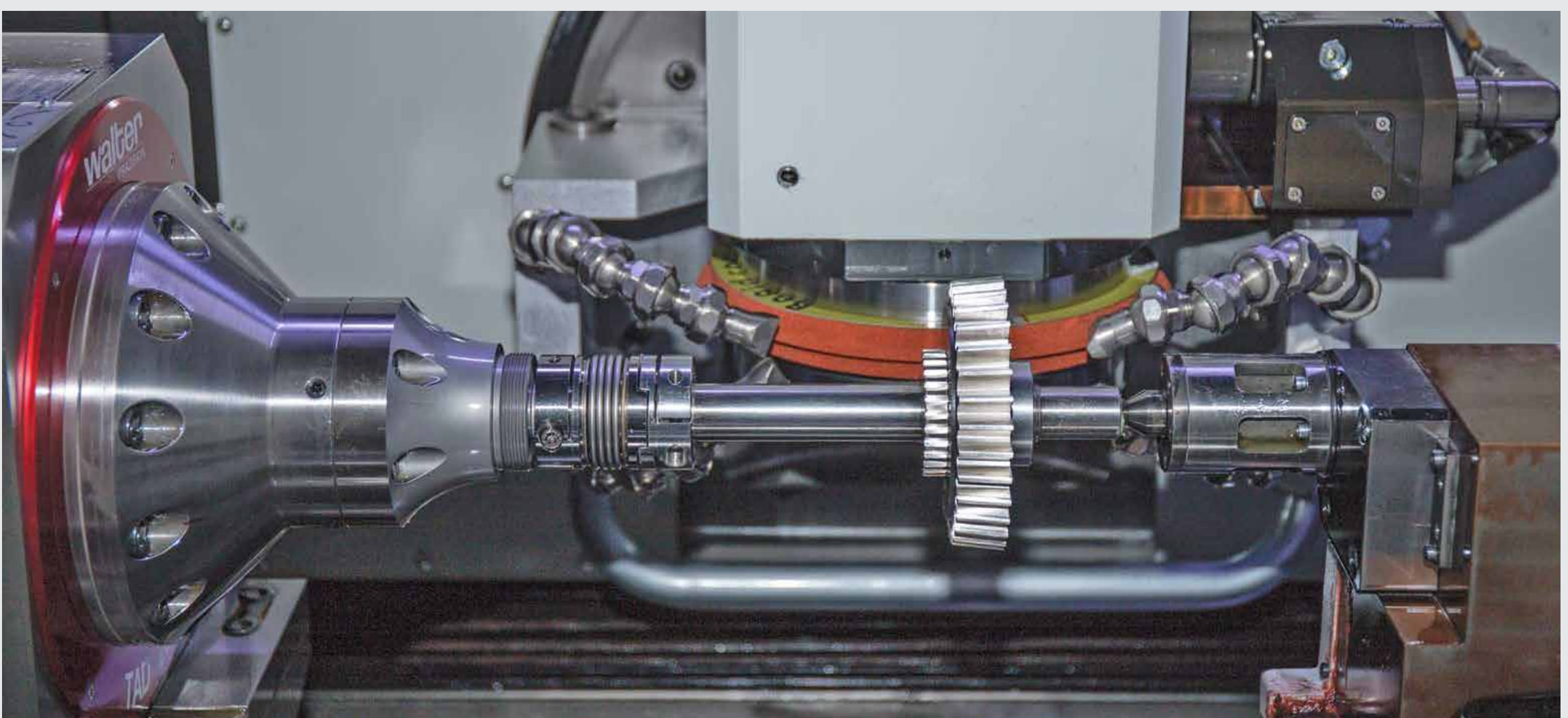




Tool Making Center of Tractor Manufacturing Co.



Shaper Cutter profile grinding machine

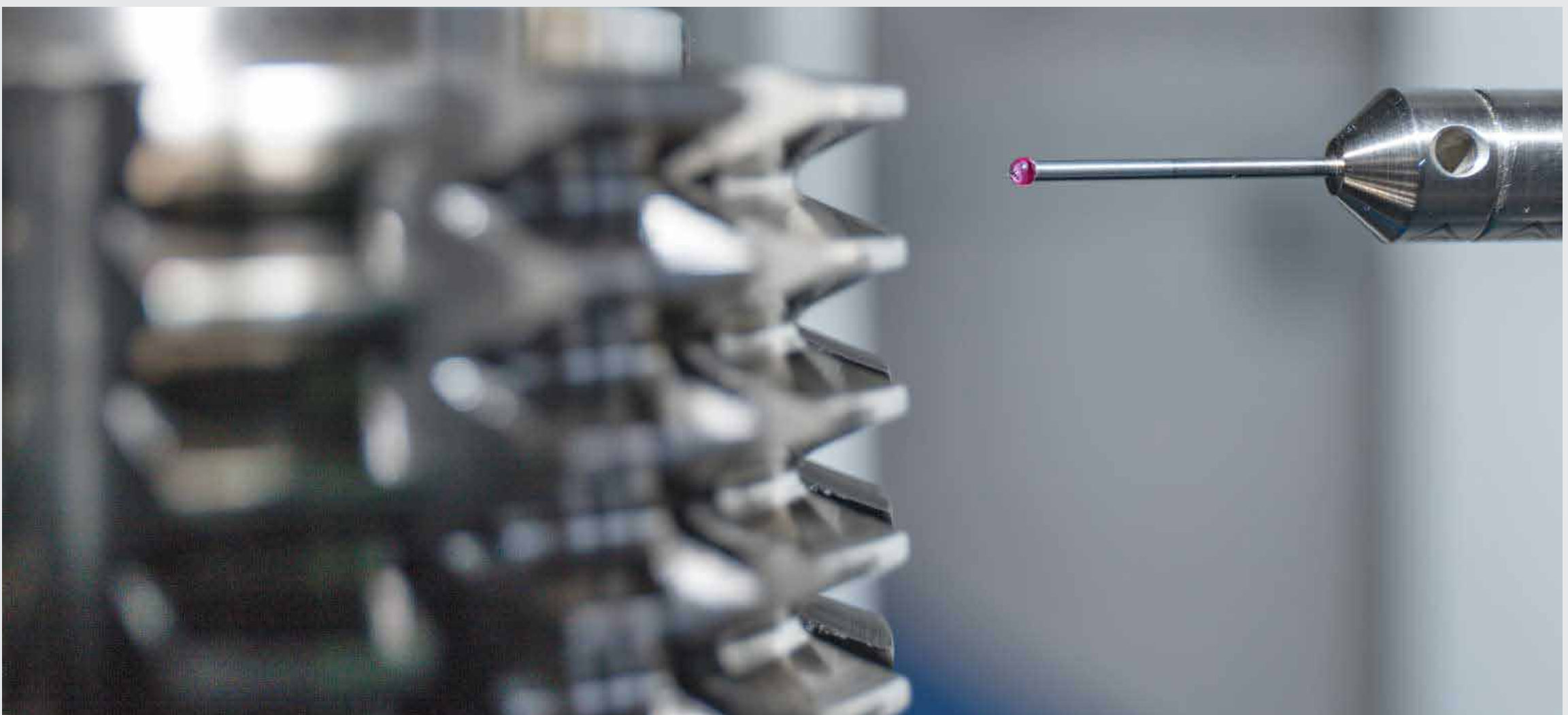




Tool Making Center of Tractor Manufacturing Co.



CMM and GMM





Tool Making Center of Tractor Manufacturing Co.



Laboratory of materials and metallurgy



Tool Making Center of Tractor Manufacturing Co.



Salt bath heat treatment up to 1300 °C

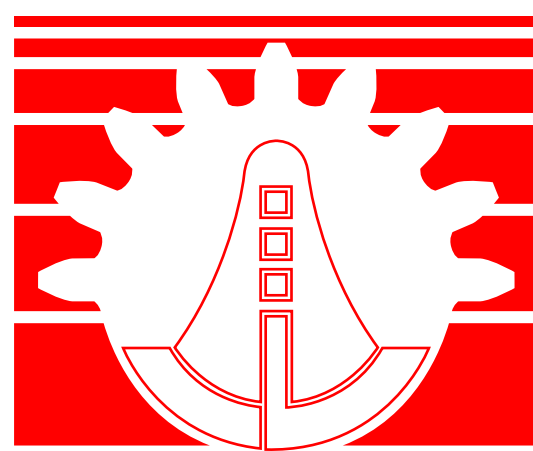




Tool Making Center of Tractor Manufacturing Co.



**Cryogenic treatment down to -196°C
with control equipment**



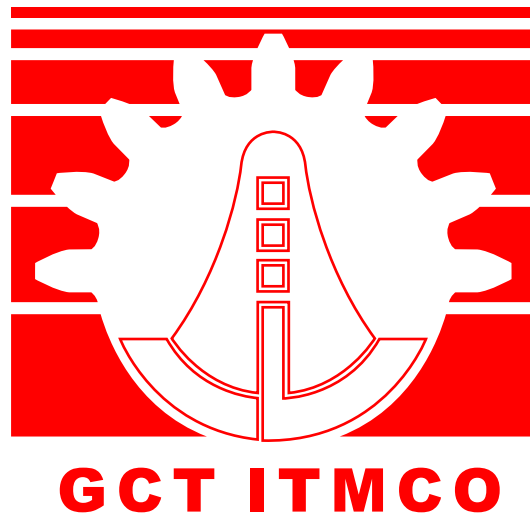
GCT ITMCO

Tool Making Center of Tractor Manufacturing Co.



Complete coating line by Physical Vapor
Deposition method (PVD Coating)





Tool Making Center of Tractor Manufacturing Co.



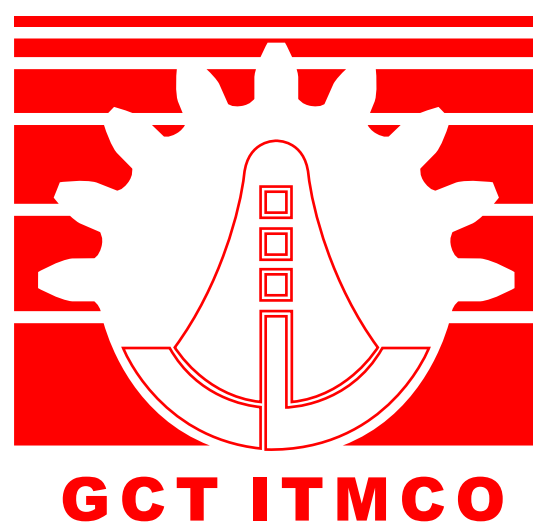
Coating Lab



Tool Making Center of Tractor Manufacturing Co.



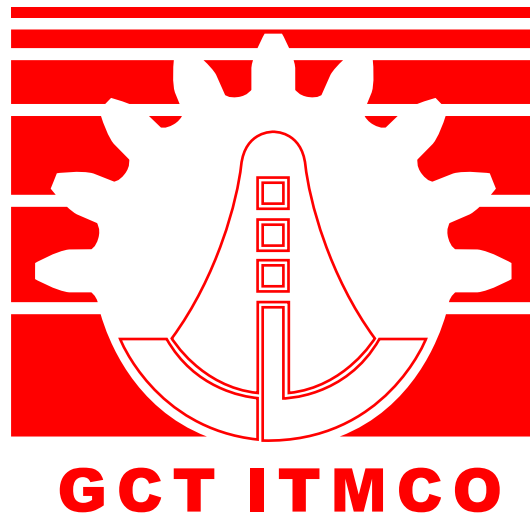
Automatic Cleaning Machine



Tool Making Center of Tractor Manufacturing Co.



Wet Blasting Machine



Tool Making Center of Tractor Manufacturing Co.



Dry Blasting Machine



**ABOUT CALIBRATION & ACCURATE
MEASUREMENT LABORATORY**

CERTIFICATES

EQUIPMENT



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Calibration & accurate measurement laboratory

Core Activities

- Dimensional calibration
- Torque calibration
- Pressure calibration
- Measurement by CMM machine



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Calibration & accurate measurement laboratory

Calibration and Metrology laboratory of Iran Tractor Manufacturing Company (ITMCo) has started its activity since the establishment of ITMCO in the field of gauge calibration and tools used in production workshops and assembly lines.

This laboratory has been active in the fields of dimensions, pressure and torque and has been closely related to the standard department as a partner laboratory for several years. And from May 1402, by relying on expert personnel and with the help of modern knowledge and technical equipment, it succeeded in receiving a certificate of competence based on the 2017 ISO/IEC 17025 standard. Now, due to the planning and strategic orientation of the ITMCo in the development of the Exports, the calibration and metrology laboratory complex of this



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Calibration & accurate measurement laboratory

company is one of the dynamic, efficient and reliable laboratories of the country, in the field of test and calibration services. It currently supports various outsourcing clients from different industrial sectors under cover of its services.



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Calibration & accurate measurement laboratory

CMM ZIESS three-dimensional dimensional measurement device



Gauge block comparator device : (UPC)



Universal measuring machine (ULM)



Profile projector device



Dead Weight Tester (DWT)



Torque tester



Roughness tester



Precision level gauge



Testing machines for dial indicators and comparators



Reference granite square



Standard rings in various sizes



Wenzel CMM machine



Angle blocks with the highest level of accuracy



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Calibration & accurate measurement laboratory



CMM ZIESS three-dimensional measurement device

This device is made by ZEISS, Germany

Application: measuring dimensions and geometric tolerances of all kinds of industrial parts.

Measurement range: X*Y*Z 1800*1800*600

Resolution: 0.0001

Software used: Calypso



Calibration & accurate measurement laboratory



Gauge block comparator device : (UPC)

Building German Mahr Company

Application: Calibration of the Blocks of the Grade 0-1-2

Measuring rang: 100mm

Resulation : 0.01 microns

Software used: Qm-Soft



Calibration & accurate measurement laboratory



Universal measuring machine (ULM)

Made by Mahr company, Germany

Application: calibration of all kinds of standard rings, ball gauges and torpedomouths, standard threads, external micrometers of bar gauges and calibration of all kinds of measuring clocks.

Measuring range: 200 mm

Resolution power: 0.1 micron



Calibration & accurate measurement laboratory



Profile projector device

Made by MITUTOYO Japan

Application: Measuring plate gauges, circular templates and pedometers, springs, electric circuits, etc.

Measuring range: : 50 x 50 mm

Separation power: 0.001 mm



Calibration & accurate measurement laboratory



Dead Weight Tester (DWT)

Made by BUDENBERG, UK.

Application: It is used for the purpose of calibrating all kinds of elastic manometers up to 1200 bar pressure. It is also possible to measure vacuum pressure by using a digital pressure gauge (PC6) and using the TP1.



Calibration & accurate measurement laboratory



Torque tester

Made by NORBAR, UK

Application: To calibrate all kinds of torque meters

Measuring range: 1500 N.M



Calibration & accurate measurement laboratory



Roughness tester

Made by MITUTOYO, Japan

Application: Surface roughness test with the possibility of measuring various parameters of amplitude, length and hybrid roughness, as well as the possibility of drawing a surface graph.



Calibration & accurate measurement laboratory



Precision level gauge

Made by WYLER, Switzerland

Application: Calibration of flat tables up to 12.5 square meters, direct error control, slope measurement, parallelism error on large surfaces, etc.

Measurement range: 2MM/M2

Resolution power:MM/M 0.001



Calibration & accurate measurement laboratory



Testing machines for dial indicators and comparators

Made by Mahr, Germany

Application: Calibration of all kinds of measuring clocks

Measurement range: 10 mm

Resolution power: 0.1 micron



Calibration & accurate measurement laboratory



Reference granite square

Made in Germany

Application: Calibration of all kinds of precise squares and CMM devices and protractors

Measuring range: 500 x 350 mm



Calibration & accurate measurement laboratory



Standard rings in various sizes

Made by Mahr, Germany

Application: Calibration of micrometers and calipers inside gauges, as well as adjustment of ULM devices and calibration of CMM devices.



Calibration & accurate measurement laboratory



Wenzel CMM machine

made in Germany

Application: Measuring dimensions and geometric tolerances of all kinds of industrial parts.

Measurement range: X*Y*Z 1500*3000*1200

Resolution: 0.0001 mm

Software used: METROMAC



Calibration & accurate measurement laboratory



Angle blocks with the highest level of accuracy

**Made by TESA, Switzerland,
MAHR Germany**

Application: Calibrating all kinds of protractors, projector profile devices, rotary tables, etc.