

TAIAN[®]



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COMPANY INTRODUCTION

Tai'an Tengyu Heavy Industrial Co., Ltd (which was called Taian Dongyue Carrying Machinery Co., Ltd before) has more than 10 years' experience with production of all kinds of loaders, and is the first one in China who starts to manufacture multifunction telescopic wheel loaders in China, after years' of improvements and developments, our products are mutual and have been sold worldwide, won very good market response.

Two series telescopic wheel loaders together with the mini skid loaders, our products can cover nearly all kinds of work. what's more all of them are multifunction machine, with the quick coupling system and hydraulic output, you can use many different attachments to do varies job.

With reliable quality, experienced engineering team, professional after sales service, we can be your long term partner, welcome to join us!



General Introduction

DY series telescopic loaders have three models, DY620, DY840 and DY1150, width from 980mm to 1500mm offered best solution to narrow space works, and front articulated design makes the turning radius much smaller which also helps a lot. Telescopic boom offers wider usage.

Safety

- ROPS Cabin or canopy can protect the driver in any case if there's a tilt danger.
- Top rotating warning light give an eye-catching signals to people around.
- Warning signals for maintenance and operating protect the machine from over-use.
- Reversing beeper and lights, traffic lights, rear and front working lights well protects people around and also the operator.
- Cylinder protection can prevent any possible damage caused by the boom falling down.
- Thanks to the front articulated design, it greatly reduce the tilt possibility.

Power

All models have separately four hydraulic wheel motor, they are real four wheel drive hydrostatic drive.

All machines adopts world famous Kubota/ Perkins which guarantees the quality and meanwhile more powerful.

Kubota

Perkins



MULTIFUNCTION TELESCOPIC LOADER



All the actions of the machine can be achieved by only joystick/levels, buttons and switches, reasonable arrangements of all the controls makes the operating biggest comfortable.

Thanks to the quick coupling system, you can change into different attachments in just one minute, which is very simple and convenient

We always take customers' any possible needs into consideration, there's cigar-lights on each machine.

We equipped window hook for the closed cabin, so that the window can be opened a bit and offer better ventilation

Maintenance

Thanks to the pressure test connector on the chassis of our machine, it saves a lot of trouble in any case there's a problem happen on the machine.

The display board indicates the working hours, engine speed, and whenever there's over heating, lack of oil, etc. happens, the relative lights will be on to remind the operator. The operator can know the machine's condition just by a glance.

We cut some holes on the rear cover of the machine to enable the operator can get his hand in and check the oil level.

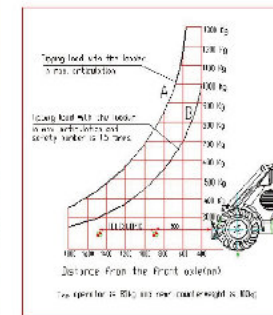
The engine top cover can be removed by just loosen four bolts.

Usage

- The compact size and the telescopic boom widely increase its usage.
- Front and optional rear hydraulic output together with the quick coupling system makes it the transformers of machinery.
- With all the above features, our loaders can be used wherever needs a machine, farming, landscaping, construction, estate and property maintenance, etc.
- All the above features are standard on our machine, you do not need to pay extra money for any of them.

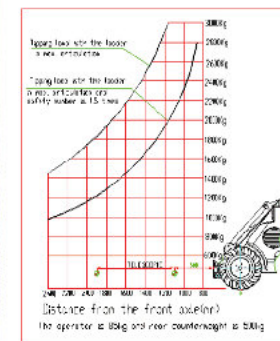
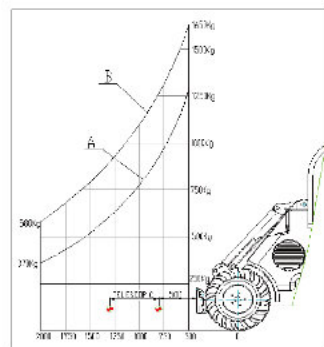


MULTIFUNCTION TELESCOPIC LOADER



Model	DY620
Max. length	2195 mm
Max. width	980 mm
Max. height	2100 mm
Max. reach(boom extended)	2750mm
Max. reach(boom retracted)	2270mm
Bucket capacity	300L
Rated loading capacity	500kg
Tipping load	800kg
Min. turning radius	1980mm
Turning angle	40°
Speed	10 km/h
Weight	1100 kg
Standard tire	23X8.5-12
Tire pressure	2.8 bar
Oil tank capacity	35L
Pressure	190bar
Working oil flow	16.5L/min x 2
Tracking oil flow	50L/min
Oil model(mineral oil)	L-HL46
Engine brand	Perkins 403D-07
Number of cylinder	4
Cooling system	Water cooling
Rated power	12.5Kw
Rotation speed	2800 r/min
Fuel tank capacity	18L
Battery capacity	55Ah
Voltage	12v

MULTIFUNCTION TELESCOPIC LOADER



Model	DY840
Dimension (LxWxH)	2600 X1240 X 2100mm
Max. reach(boom extended)	3000mm
Max. reach(boom retracted)	2480mm
Bucket capacity	450L
Rated loading capacity	850kg
Tipping load	1300kg
Min. turning radius	2065mm
Turning angle	45°
Speed	0-12 km/h
Weight	1600 kg
Standard tire	26X12-12
Tire pressure	2.8 bar
Oil tank capacity	40L
Pressure	190bar
Working oil flow	33.5L/minx2
Tracking oil flow	76L/min
Oil model(mineral oil)	L-HL46
Engine brand	Perkins 404D-15/ Kubota V1505-E3B
Engine type	4 cylinder, water cooling
Rated power/speed	24.5 Kw/2800 r/min
Fuel tank capacity	23L
Battery	60Ah, 12V



Model	DY1150
Max. length	3410 mm
Max. width	1500 mm
Max. height	2330 mm
Max. reach(boom extended)	3540mm
Max. reach(boom retracted)	2910mm
Bucket capacity	600L
Rated loading capacity	1500kg
Tipping load	2600kg
Min. turning radius	2818mm
Ground clearance	330mm
Turning angle	45°
Speed	16.5 km/h
Weight	2010 kg
Standard tire	31X15.5-15
Tire pressure	2.8 bar
Oil tank capacity	70L
Pressure	200bar
Working oil flow	82L/min
Tracking oil flow	117L/min
Oil model(mineral oil)	L-HL46
Engine brand	Kubota V2403-E3B
Number of cylinder	4
Cooling system	Water cooling
Rated power	36.5 Kw
Rotation speed	2600 r/min
Fuel tank capacity	32L
Battery capacity	70Ah
Voltage	12v

TL Series telescopic wheel loaders

There are four models of TL series telescopic loader, TL1000, TL1500, TL1800 and TL2000, lifting capacity from 1 ton to 2 tons, can meet customers' different demands. Also based on our rich experiences with loaders, we can also design according to customers' special requirement.

Features:

1. The telescopic boom which can reach 4.2m greatly increase it's working scope.
2. The articulated structure and axle transmission design makes it powerful and has better pass through ability.
3. The seals, valve & joystick handle are famous oversea products which guarantee that it's a reliable long lasting machine.
4. Adjustable spring seat and optional air conditioner makes the operating more comfortable.
5. Wide view cabin and two entrance makes the operating convenient and safe.
6. Quick coupling system, mechanic joystick and buttons makes the operating easy and convenient.
7. The rear cover can be opened as a whole part just by your hands, which makes the maintenance much more simple.





MS Series mini skid loader

We have three different models of mini skid loader, every model has diesel/gasoline engine, wheel/track type available. Compared with other similar products with same size, our mini skid can load more, and lift higher, also has better and more convenient design for maintenance, such as the swing oil tank, pressure testing connector, etc.

Features:

1. Extremely compact design, light weight, easy to transport and smart in narrow working environment.
2. Self levering.
3. Standard quick coupling system can use hundreds of different attachments.
4. Unique swing design of the oil tank greatly simplified the everyday maintenance.
5. Hook holes on the frames make the transport easy and safe.
6. Reasonable arrangement of the control levers and the hand hooking bar, makes the operation simple and safe with your hands.
7. All the greasing points were arranged outside of the machine, this arrangement makes the greasing work very simple on such compact machines.
8. The pressure testing connector greatly simplify the procedure of testing system pressure.
9. The main hydraulic components were famous oversea products which guarantee that it is a powerful and reliable machine.



Model	MS400P MS400W	MS500P MS500W	MS600P MS600W
Engine model	B&S3854 B&S3864	LH690 403D-07	LH775 403D-07
Engine power (kw/r/min)	15.4/3600 16.9/3600	19.4/3600 12.2/2800	23.1/3600 12.2/2800
Engine cooling type	Air cooling	Water cooling	Water cooling
Max. speed km/h	5	6	6.5
Transporting length	1700 mm	1722 mm	1800 mm
Transporting height	1300 mm	1340 mm	1400 mm
Transporting width	1100 mm	1100 mm	1150 mm
Max. lifting capacity	420 kg	520 kg	620 kg
Max. height to the pin	1850 mm	1910 mm	1930 mm
Weight			
Gasoline engine	1100 kg	1200 kg	1300 kg
Diesel engine	1200 kg	1320 kg	1420 kg