

*Evolved from the rest,
to compete with the best!*



YX646 HD



**HEAVY
DUTY**

CONSTRUCTION SERIES

ARTICULATED WHEEL LOADERS

High Power

- Long wheelbase with large breakout force and traction force
- Cummins 6BT5.9-C180 engine with 127kw
- Reinforced drive system

Comfort & Convenience

- Cab space enlarged by 15%
- Low noise, shock-absorbed and dust-proof cab
- Rear opening engine hood, for easy maintenance
- Pilot control Joystick
- High volume air conditioned pressurised cabin
- Automatic bucket levelling

Reliability & Durability

- Upgraded hydraulic system
- New design electrical system
- Optimal designed structural components

Safety

- ROPS & FOPS cab
- External self cleaning disk braking system
- Luxurious operating environment

Energy Saving & Green Initiative

- Low fuel and energy consumption
- Low noise

**DESIGNED
FOR AUST**



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ARTICULATED WHEEL LOADERS



SPECIFICATIONS

Overall Weight	13700kg
LxWxH (mm)	7304 x 2776 x 3353
Rated Bucket capacity (m3)	2.5
Rated Load (kg)	4000
Max. Dump Height (mm)	3500
Bucket Indicator	Yes

ENGINE

Model	Cummins 6BT5.9-C180
Type	Vertical Inline, Water Cooling Four Stroke Diesel
Rated Power (kw)	127kw
Rated Speed (r/min)	2400

TRANSMISSION SYSTEM

Model	Hungzou Advanced
Gearbox Type	Electronic Powershift
Gear Shift	4 Forward, 3 Reverse

MAIN HYDRAULIC SYSTEM

Working Pressure	16mpa
Boom Lifting Time	4.8sec
Fuel Tank Capacity	190Lt

STEERING SYSTEM

Type	Load Sensing Hydraulic Steering
Min Turn Radius (mm)	6174

TYRES

Standard Tyres	20.5/70-25
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STANDARD BUCKET

Width (mm)	2760
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ROPS CERTIFIED CABIN

With its high volume Air Conditioner upgrade we have created a much better cooling system for Australia, combined with a sealed cabin it eliminates noise and dust from its working conditions. The sealed cabin has a AM/FM stereo, reversing camera, external fan, suspension seat and tilting steering wheel with warning lights for engine and transmission management.

MODERN CONTROLS

The YX648 Olympus series model has electronic gear change and also the auxilliary hydraulic function can be operated from push buttons on the joystick as an option. On the dash there is bucket float control activation and all the switches for lights, windscreen washer and accessories, etc. The electronic pilot control joy stick is smooth and light to operate giving a sensitive feeling to the operation of the loaders bucket. Auto bucket leveling is also standard. A large rear vision camera is fitted inside the cab for safe, easy reversing.

BRAKING SYSTEM

Olympus models run a dry brake system combining air over hydraulic disc brakes. The disc brakes are self cleaning and are easy maintained with debris covers for protection. Air operated hand brakes are standard in all models and are located next to the operator's seat.

MULTI PURPOSE TOOL HANDLING

Hydraulic hitches are able to quickly change attachments; from bucket to hayspears to pallet forks within a few seconds. This is achieved from an auxilliary hydraulic function also able to run hydraulic attachments i.e., augers, 4in1 buckets, hydraulic forks etc.



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