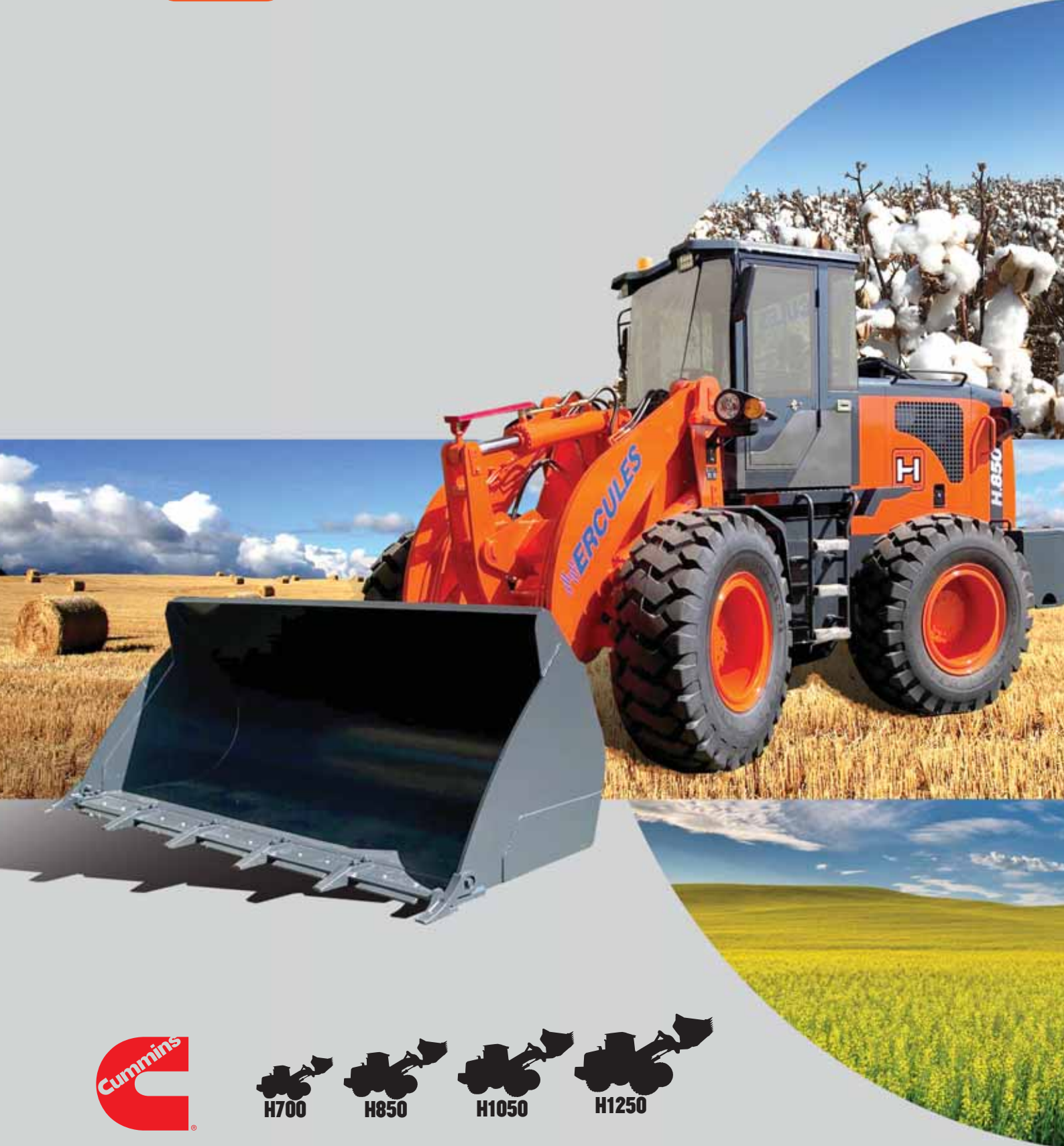




HERCULES

Wheeled Loader Range



www.herculesloaders.com.au
Ph: 07 3807 4333

H700

Operating Weight
7300kg

Rated Load Capacity
2000kg

Cummins Engine Power
75kw/100hp



H850

Operating Weight
8500kg

Rated Load Capacity
2500kg

Cummins Engine Power
97kw/130hp



H1050

Operating Weight
10,600kg

Rated Load Capacity
3000kg

Cummins Engine Power
110kw/150hp



H1250

Operating Weight
12,000kg

Rated Load Capacity
4000kg

Cummins Engine Power
134kw/180hp



Operator Comfort



X Large ROPS cabin

The Hercules cabin is 15% larger than the standard size cabin in its loader class. With its high volume air conditioner upgrade we have created a much better cooling system for Australian conditions. Combined with a sealed cabin it eliminates noise and dust from its working conditions. The sealed cabin has AM/FM stereo, reversing camera, external fan, suspension seat and tilting transmission management.

Modern Controls

All Hercules models have electronic gear change on the joystick. High and low speed functions are activated on the thumb button on the joy stick next to FWD and REVERSE gear switch. The 4 in 1 bucket is activated by the adjacent hydraulic control buttons. On the dash there is bucket float control activation and all the switches for lights, windscreen washer and accessories etc. The electronic pilot control stick is

smooth and light to operate giving sensitive feeling to the operation of the loaders bucket. Auto bucket leveling is also standard.



Accessibility for Maintenance



Braking system

Hercules models run a dry brake system combining air over hydraulic disc brakes. (some smaller class machines run drum brakes with hydraulic systems) The disc brakes are self cleaning and are easy maintained with debris covers for protection. Manual hand brakes are standard in all models.

Parts & Service

Full dedicated Hercules parts division supports the maintenance of your loader, many of our loader parts can

be dispatched within 24hours. Our professional and highly trained service division is available for after sales support, we take a proactive approach towards customer service by continuously training our personnel on the loader technology.

Warranty

Every new Hercules model is covered by a full manufacturers 2 year Cummins Australia warranty



Quality Features



- Electronic pilot joystick control

- Extra large cabin

- Quality mechanical suspension seat

- Powered by Cummins engine on all models

- Superior European quality transmission

- Extra large colour reversing camera

- Tow point

- 4 wheel air over hydraulic brake system

- Constant 4x4 Drive

- High volume integrated air conditioning designed for Australian standards

- All models equipped with hydraulic quick hitching



- Optimum visibility
- A windshield without pillars enhances visibility levels from the operators seat

- Adjustable steering column on H700 & H850 models

- Driver Comfort - The wrist, arm rests and right-hand side console are ergonomically positioned for the operator.

- Ease of access - Daily checks can be made from ground level with the engine and radiator cover opening from ground level to provide convenient access, Many features such as the greasing points, oil levels and the fuel filters can be accessed at ground level making life easier on the job site allowing you to work productively.



Specifications & Dimensions



H700 Wheel Loader

SPECIFICATION

Overall weight(kg)	7300
L×W×H (mm)	6600 x 2270x2900
Rated bucket capacity(m ³)	1.4-1.8
Rated load(kg)	2000
Maximum dump height (mm)	3600
Bucket indicator	Yes

ENGINE

Model	Cummins 4BT3.9-C100
Type	Vertical Inline ,Turbo Water Cooling Four Stroke Diesel
Rated power	75 kw / 100 HP
Rated speed(r/min)	2400

TRANSMISSION SYSTEM

Model	JINLITE YJ280
Gearbox type	Electronic Powershift
Gear shift	2 Forward, 2 Reverse

MAIN HYDRAULIC SYSTEM

Working pressure	16MPA
Boom lifting time	3.8sec

STEERING SYSTEM

Type	Articulated hydraulic
Min turning radius(mm)	5200

TYRES

Standard tyres	16/70-24
----------------	----------

STANDARD BUCKET

Width (mm)	2270
------------	------

Fluid capacity

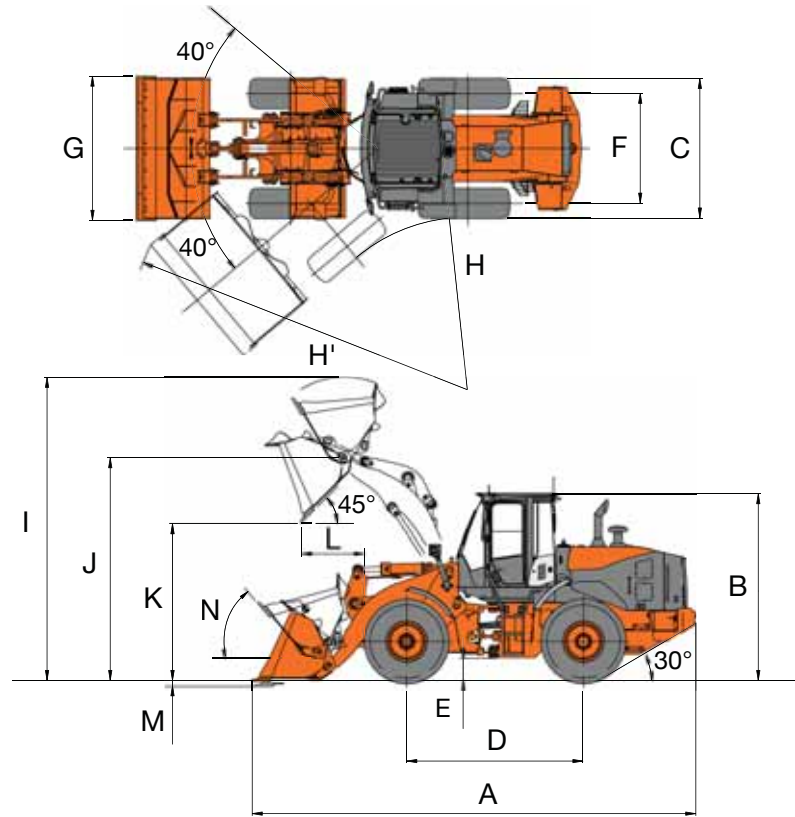
Fuel	100 Litre
Hydraulic	75 Litre

SERVICE REFILL CAPABILITIES

Fuel tank	75 Litre
Engine oil	9 Litre
Hydraulic oil	50 Litre
Front / Rear Differential	6 Litre
Torque/Transmission	20 Litre
Engine coolant	18 Litre

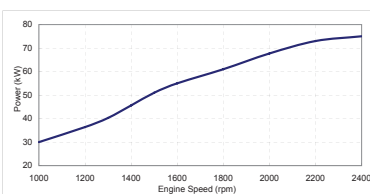
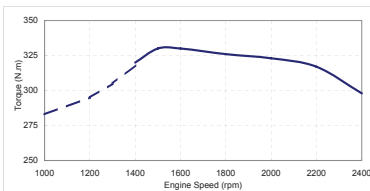
SPEED

1st gear	8 klm/hr
2nd gear	18klm/hr



A	Overall Length mm	6600
B	Overall Height mm	2850
C	Width over tires mm	2050
D	Wheel base mm	2690
E	Ground Clearance mm	420
F	Counter weight mm	1820
G	Bucket Width mm	2270
H	Turning Radius (centreline of outside tire) mm	4300
H'	Loader clearance radius, bucket in carry position mm	5200
I	Overall operating height with bucket at full reach mm	5015
J	Height to bucket hinge pin, fully raised mm	4130
K	Dumping clearance 45 degree, full height mm	3600
L	Reach, 45 degree dump, full height mm	900
M	Digging depth (horizontal digging angle) mm	40
N	Max, roll back at carry position deg	52.5

Performance curve



Torque Output

rpm	N.m
1000	283
1200	290
1300	296
1400	320
1500	330
1600	330
1800	326
2000	323
2200	317
2400	298

Power Output

rpm	kW
1000	30
1200	36
1300	40
1400	46
1500	51
1600	55
1800	61
2000	68
2200	73
2400	75



Specifications & Dimensions



H850 Wheel Loader

SPECIFICATION

Overall weight(kg)	8500
L×W×H (mm)	6850 x 2400 x 3000
Rated bucket capacity(m ³)	1.6-2.3
Rated load(kg)	2500
Maximum dump height (mm)	3600
Bucket indicator	Yes

ENGINE

Model	Cummins 6BT5.9-C130
Type	Vertical Inline, Turbo Water Cooling Four Stroke Diesel
Rated power	97kw / 130HP
Rated speed(r/min)	2200

TRANSMISSION SYSTEM

Model	JINLITE YJ280
Gearbox type	Electronic Powershift
Gear shift	4 Forward, 2 Reverse

MAIN HYDRAULIC SYSTEM

Working pressure	16MPA
Boom lifting time	4sec

STEERING SYSTEM

Type	Articulated hydraulic
Min turning radius(mm)	5200

TYRES

Standard tyres	17.5-25
----------------	---------

STANDARD BUCKET

Width (mm)	2400
------------	------

FLUID CAPACITY

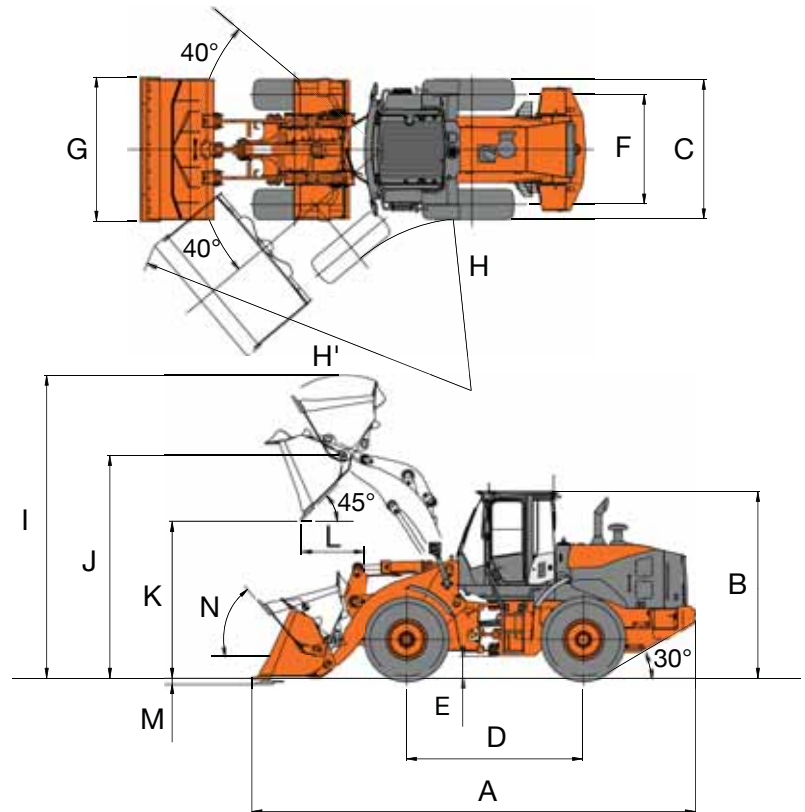
Fuel	120 Litre
Hydraulic	90 Litre

SERVICE REFILL CAPABILITIES

Fuel tank	100 Litre
Engine oil	12 Litre
Hydraulic oil	60 Litre
Front / Rear Differential	11 Litre
Torque/Transmission	20 Litre
Engine coolant	22 Litre

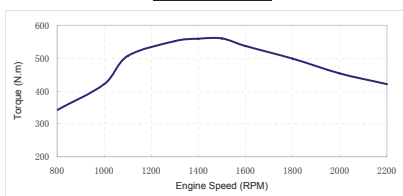
SPEED

1st gear	10 klm/hr
2nd gear	20klm/hr



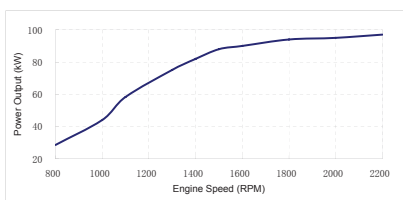
A	Overall Length mm	6900
B	Overall Height mm	3000
C	Width over tires mm	2200
D	Wheel base mm	2710
E	Ground Clearance mm	470
F	Counter weight mm	1820
G	Bucket Width mm	2370
H	Turning Radius (centreline of outside tire) mm	4650
H'	Loader clearance radius, bucket in carry position mm	5600
I	Overall operating height with bucket at full reach mm	4965
J	Height to bucket hinge pin, fully raised mm	4200
K	Dumping clearance 45 degree, full height mm	3550
L	Reach, 45 degree dump, full height mm	900
M	Digging depth (horizontal digging angle) mm	40
N	Max, roll back at carry position deg	52.5

Performance curve



TORQUE

RPM	N.m
2200	421
2000	454
1800	499
1600	537
1500	560
1400	559
1300	552
1100	507
1000	421
800	342



POWER OUTPUT

RPM	kW
2200	97
2000	95
1800	94
1600	90
1500	88
1400	82
1300	75
1100	58
1000	44
800	29



Specifications & Dimensions



H1050 Wheel Loader

SPECIFICATION

Overall weight(kg)	10600
L×W×H (mm)	7750×2540×3120
Rated bucket capacity(m ³)	1.8
Rated load(kg)	3000
Maximum dump height (mm)	3200
Bucket indicator	Yes
Max. breakout force(KN)	138

ENGINE

Model	Cummins 6BT5.9-C150
Type	In line, direct injection, four-stroke, liquid cooled
Rated power (kw) (HP)	110kw / 150HP
Rated speed(r/min)	2300

TRANSMISSION SYSTEM

Model of torque converter	YJ315X
Type	Single stage, 3 elements
Gearbox model	YD13044159
Gear shift	4 Forward ,3 Reverse

HYDRAULIC SYSTEM

Distribution of work valve	DF25.3
Working pump	VHP2100/1010-xfl, CBJ1032L, FC50

STEERING SYSTEM

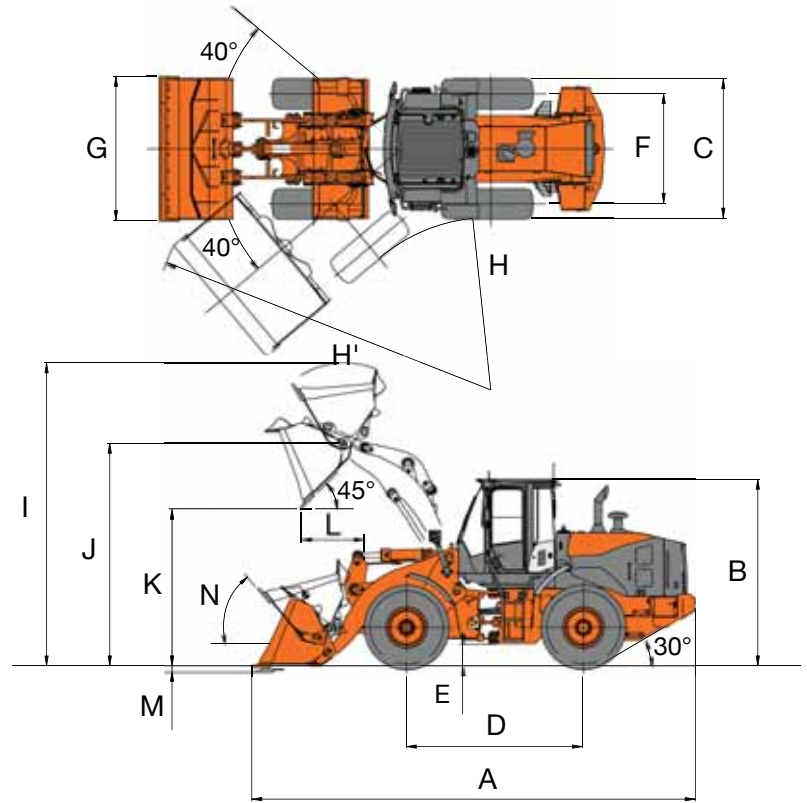
Type	Articulated and hydraulic lift and right 36.5±1°
Max. turning angle	
Min turning radius(mm)	5862

BRAKE SYSTEM

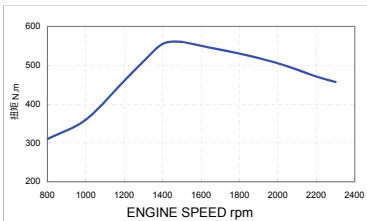
Brake type	Air-break brake
------------	-----------------

TYRES

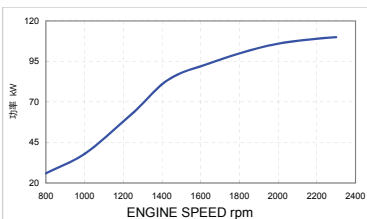
Standard tires	17.5-25
----------------	---------



A	Overall Length mm	7600
B	Overall Height mm	3180
C	Width over tires mm	2250
D	Wheel base mm	2850
E	Ground Clearance mm	375
F	Counter weight mm	2000
G	Bucket Width mm	2540
H	Turning Radius (centreline of outside tire) mm	5420
H'	Loader clearance radius, bucket in carry position mm	5980
I	Overall operating height with bucket at full reach mm	5100
J	Height to bucket hinge pin, fully raised mm	4060
K	Dumping clearance 45 degree, full height mm	3200
L	Reach, 45 degree dump, full height mm	1200
M	Digging depth (horizontal digging angle) mm	130
N	Max. roll back at carry position deg	48.5



TORQUE	
rpm	N.m
800	310
1000	360
1200	460
1300	510
1400	555
1500	560
1600	550
1800	530
2000	505
2200	471
2300	457



POWER OUTPUT	
rpm	kW
800	26
1000	38
1200	58
1300	69
1400	81
1500	88
1600	92
1800	100
2000	106
2200	109
2300	110



Specifications & Dimensions



H1250 Wheel Loader

SPECIFICATIONS

Overall Weight	12000kg
LxWxH (mm)	7680x2540x3260
Rated Bucket capacity (m3)	2.0-3.5
Rated Load (kg)	4000
Max. Dump Height (mm)	3800
Bucket Indicator	Yes

ENGINE

Model	Cummins
Type	Vertical Inline, Turbo Water Cooling Four Stroke Diesel
Rated Power (kw)	134kw / 180hp
Rated Speed (r/min)	2400

TRANSMISSION SYSTEM

Model	HANGZHOU
Gearbox AType	Electronic Powershift
Gear Shift	4 Forward, 3 Reverse

MAIN HYDRAULIC SYSTEM

Working Pressure	18mpa (180bar)
Boom Lifting Time	4.8sec

STEERING SYSTEM

Type	Load Sensing Hydraulic Steering
Min Turn Radius (mm)	6000

TYRES

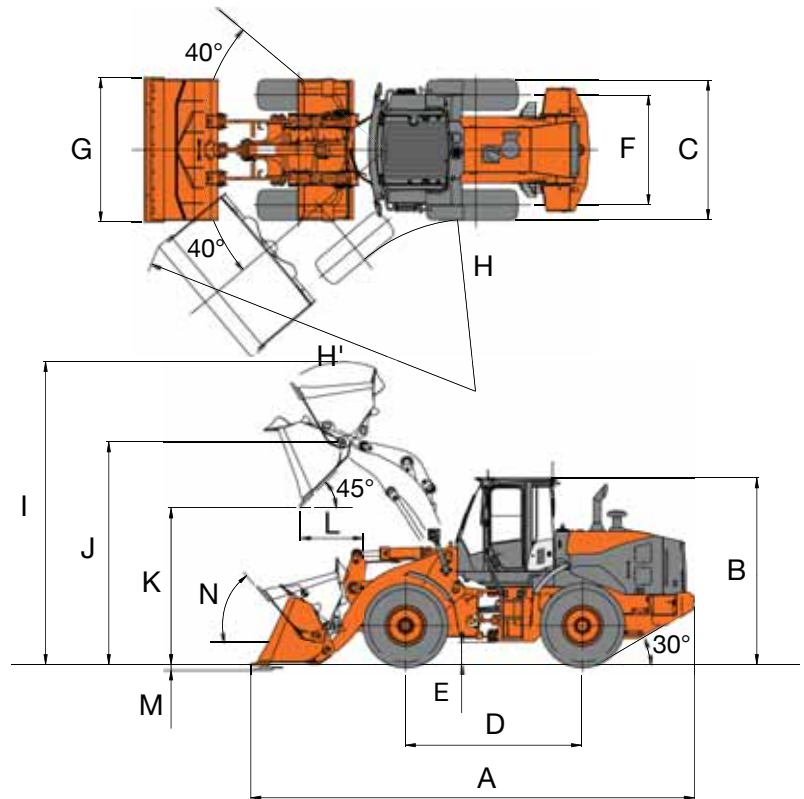
Standard Tyres	20.5-25
----------------	---------

STANDARD BUCKET

Width (mm)	2480
------------	------

FLUID CAPACITY

Fuel	
Hydraulics	170 Litre



A	Overall Length mm	7680
B	Overall Height mm	3260
C	Width over tires mm	2310
D	Wheel base mm	2850
E	Ground Clearance mm	445
F	Counter weight mm	2000
G	Bucket Width mm	2540
H	Turning Radius (centreline of outside tire) mm	5420
H'	Loader clearance radius, bucket in carry position mm	6020
I	Overall operating height with bucket at full reach mm	5220
J	Height to bucket hinge pin, fully raised mm	4130
K	Dumping clearance 45 degree, full height mm	3270
L	Reach, 45 degree dump, full height mm	1200
M	Digging depth (horizontal digging angle) mm	130
N	Max, roll back at carry position deg	48.5



Strength & Reliability



Our Hercules loaders have been designed with both operator and owner in mind. Our new generation Hercules loaders have exceeded previous levels of performance and have enhanced operational efficiency and comfort with hydraulic upgrades, air conditioner improvements among other things.



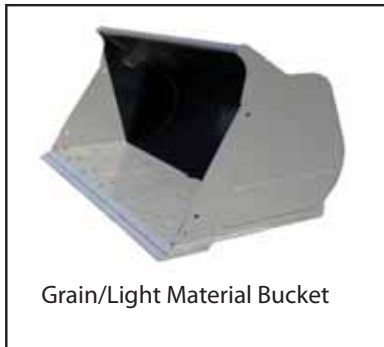
Service Department



Comprehensive range of spare parts to ensure optimum service.

Service and customer backup support 24/7





Grain/Light Material Bucket



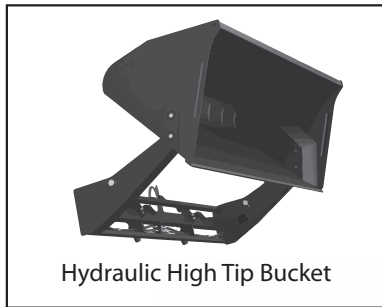
Hydraulic 4in1 Bucket with bolt on edges



Rock Bucket



Reversible Skeleton Stick Rake from 2.5m to 4.5m



Hydraulic High Tip Bucket



Pallet Forks/ Hay Spikes Combo



Hydraulic Pipe Grabs



Digga Auger Drives & Augers



Post Rammers to suit all loaders



Hydraulic Log Grab



Hydraulic Crane Jib



Rippers



Hay Forks



Bladed Stick Rake from 4.2m



Hydraulic Forks

MULTI PURPOSE TOOL HANDLING

Hydraulic hitches are able to quickly change attachments; from bucket to ripper to pallet forks within a few seconds. This is achieved from an auxiliary hydraulic function also able to run hydraulic attachments i.e., Augers etc.

Hercules loaders can be used for a number of different working environments from loading trucks with dirt to unloading trucks with pallets or hay, the tool carrying options are endless.



HERCULES

Wheeled Loader Range

HERCULES EQUIPMENT

28 Old Pacific Highway Yatala Queensland 4207 Australia

Ph: 07 3807 4333

enquiries@bmesales.com.au

www.herculesloaders.com.au



Division of BME Sales