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- Operating Weight
10500 kg
- Bucket Capacity
1.8 cbm
- Rated Power
105 kW
- Rated Load
3000 kg



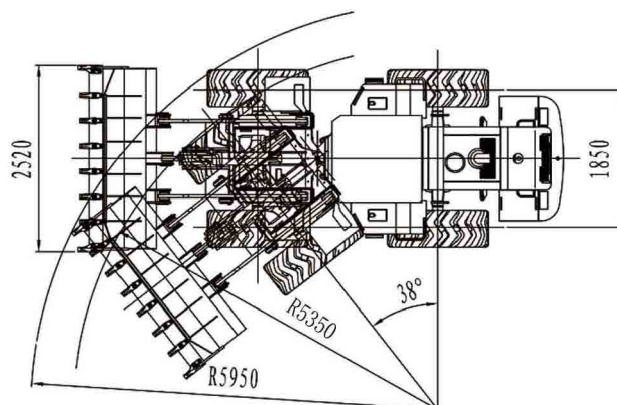
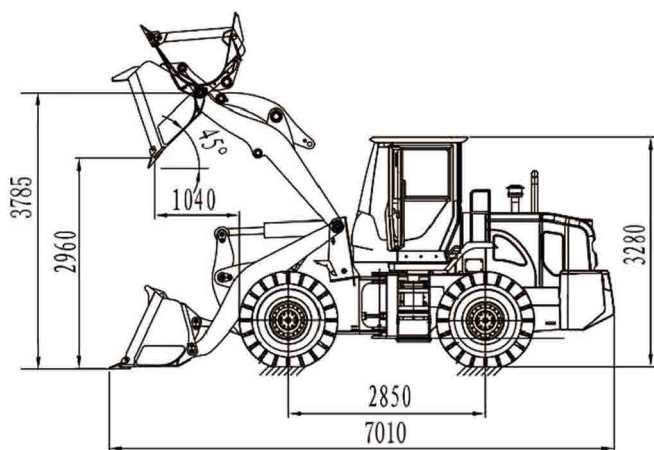
ENSIGN

YX638H

Wheel Loader



YX638H Wheel Loader



Technical Parameters

Bucket capacity(m ³)	1.8
Rated Load(kg)	3000
Operating Weight(kg)	10500
Max.traction force(kN)	105
Max. breakout force(kN)	100
Gradeability(°)	30
Min.turning radius (outside of the bucket)(mm)	5950
Min.turning radius (outside of the tire)(mm)	5350
Departure angle (°)	30
Total cycle time (s)	≤9.8
Dump angle (°)	45
Dump height(mm)	2960
Dump distance(mm)	1040
Min.ground clearance(mm)	372
Wheel base(mm)	2850
Wheel tread(mm)	1850
Tire Specification	17.5-25
Max.speed(km/h)	40
Steering angle (left&right)(°)	38
Max. tipping load(straight)(kg)	7800
Max. tipping load(fully steering)(kg)	6600
Overall dimension (L*W*H)(mm)	7010*2520*3280

Working Device Hydraulic System

Hydraulic system pressure	16MPa
Control type	joystick
Oil pump type	Gear pump

Steering System

Type	load sensing hydraulic
Oil pump displacement	63ccr
Working pressure	15 MPa

Engine

Model	WEICHAİ WP6G140E330
Type	vertical, in-line, direct injection, water-cooling, four-stroke, turbo charged
Rated power(kW)	105
Max.torque(N·m)	600
Rated speed(r/min)	2200
Displacement (L)	6.75

Drive System

Torque converter type	Single stage, 3 elements
Transmission type	fixed shaft electro-hydraulic control shift
Gears	4 forward, 3 reverse
Main drive type	spiral bevel gear, first reduction
Hub reduction type	planetary, first reduction
Drive axle	dry type axle

Oil Capacity

Fuel tank(L)	190
Engine oil(L)	17
Transmission oil(L)	22
Hydraulic oil(L)	100
Gear oil(per axle)(L)	17
Antifreeze liquid(L)	40

Braking System

Service brake	air-over-oil caliper disc
Parking brake(emergency brake)	manual caliper disc

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