7 Ton Front End Loader

T-REX976



Revaro Wheel Loaders are a versatile yellow metal machine. Whether you need a wheel loader for use in landscaping, agricultural, construction, waste management, forestry, or mining applications. Revaro wheel loaders make your material handling and loading jobs safer, faster, more precise and profitable.

Specs

Dimensions	
Tread	2360mm
Overall length (bucket on the ground)	8900mm
Overall width (Outside the tyres)	3035mm
Bucket width	3320mm
Overall height	3620mm
Wheel base	3450mm
Specifications	
Bucket Capacity	4.2m³
Rated Load	7000kg
Operating weight	24.8T
Speed - Forward I / reverse I	6.8/6.8km/h
Speed - Forward II/ reverse II	12.7/12.7km/h
Speed - Forward III/ reverse III	27.6/27.6km/h
Speed - Forward IV/ reverse IV	40km/h
Max. tractive force	220kN
Max. climbing gradient	>25°
Max. dumping angle	45°

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Max. dumping height	3200mm
Dumping reach	1268mm
Overturn angle of bucket	±45°
Max. Breakout force	220kN
Max excavating depth	50mm
Rising time of the boom	±6.5s
Total cycling time	±11s
Min. Turning radius	5950mm
Crossing radius	7010mm
Turning angle of the frames	40°
Oscillating angle of the rear axle	±13°
Tyres	
Front axle	Fixed with frame
Rear axle	Swing type
Tyre specification	26.5-25
Inflating Pressure - Front	0.38 - 0.40mPa
Inflating Pressure - Back	0.36 - 0.38mPa
Suspension / Brakes	
Foot brake	Brake on 4 wheel
System pressure	17.5mPa
The highest oil pressure of brake	80bar
Hand brake	Electrical ctrl & spring boosting
Released oil pressure of hand brake	10.2mPa
Brake valve model	LT17MFEA-4X/080/40M
Booster model	SB0210-2E1/112A
Steering hydraulic system	
Type	Hydraulic steering
Model of steering oil pump	1117132182

Steering unit model	BZZ3-125
Steering limit valve	XF-B6
Flow amplified valve	ZLF25A1
Displacement of pump	80ml/r
System pressure	19Â±0.5mPa
Steering cylinder	É¸110x405mm
Maximum steering angle	40°

Engine

Model	QSM11-C290 / WD12G310E221
Type	4-stroke, water cooling, turbine charged
Rated power	216 / 226kW
Rated speed	2100r/min
Max. torque	1478/1000 / 1600/1200-1500Nm/r/min
Start type	Electrical start / oil and electricity cutoff

Fuel & Hydraulic system

Working oil pump	P7600-F112/P124-G35DIG
Displacement of oil pump	112(+80)ml/r
System pressure	20Â±0.5mPa
Boom cylinder	É¸180x885mm
Tilt cylinder	É¸220x590mm
Pilot hydraulic system	1117132182
Pilot pump	16ml/r
Displacement of pump	5THF606-2X
Fuel	400L
QSM11	33L
Gearbox/torque converter oil	60L
Working hydraulic oil	340L
Gear oil for drive axle	54L/piece

Torque Converter	
Type	1 stage, 3- elements
Coefficient of torque converter	k=2.248
Cooling method	Wind cooling
Diametre of cycle	370mm
Transmission	
Model	4WG-260
Gear number	Forward 4 / reverse 3
Forward I / reverse I	4.187/4 187
Forward II/ reverse II	2.207/2.207
Forward III/ reverse III	0.970/0.970
Forward IV/ reverse IV	0.625
Front/Rear axle	
Model	ZF MT-L3105
Total speed ratio	23.334
Types front/rear	1 stage: speed reduction /planetary reduction
Rim reduction	6