



Engine	Cummins QSL9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,200 rpm
Net Power	162 kW (217 hp / 220 ps) @ 2,200 rpm
Operating Mass	18,425 kg
Standard Bucket Size	3.5 M ³
Standard Breakout For	ce 161 kN
Standard Dump Cleara	nce 2,978 mm

HIGH SPEC 856H WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

HIGH SPEC

3.5 m³

856H SPECIFICATIONS >>>

ENGINE			LOADER ARM PERFORMANC
Emission Regulation	Tier 3/ Sta	age III	Tipping Load-Straight (ISC
Manufacturer	Cummins		Tipping Load-Full Turn(ISC
Model	QSL9.3		Bucket Breakout Force
Rated Power	162 kW(2	17 hp/220ps)@2,200 rpm	A. Maximum Hinge Pin He
Net Power	162 kW(2	17hp/207ps)@2,200 rpm	B. Dump Clearance at Ful
Peak Torque	984 Nm @	2 1,300 rpm	C. Dump Reach at Full He
Displacement	9.3 Litre		D. Maximum Digging Dep
Number of cylinders	6		S1. Bucket Roll back at G
Aspiration	Turbochar	ged & Air-to-air intercooled	S2. Bucket Roll Back at C
TRANSMISSION			S3. Bucket Roll Back at M
Transmission Type		Electro-hydraulic powershi	ift S4. Maximum Dump Ang
Torque Converter		Single stage, three elements	BUCKET PERFORMANCE
Maximum Travel Spe	ed, fwd	38 km/h	Reference Bucket
Maximum Travel Spe	ed, rev	25 km/h	DIMENSIONS
Number of Speed,fw	d	4	E. Ground Clearance
Number of Speed,Re	ev	3	G. Wheelbase
AXLES			H. Cab Height
Differential Front Type	Э	Limited slip	J. Wheel Tread
Differential Rear Type		Limited slip	K. Width Over Tyres
Axle Oscillation		±11°	L. Length with Bucket Do
OTEDINO			M. Turn Angle, Either Side
STEERING		Piston	P. Rear Angle of Departur
Steering Configuratio		18 MPa	R1. Turning Radius, Buck
Steering Pressure Re	lier	IOWIFA	R2. Turning Radius, Outs
BRAKES			TYRES
Service Brake Type		Wet disc brake	Tyre Size
Service Brake Actuat	ion	Hydraulic	1910 0120
Park Brake Type		Drum	OPERATING WEIGHT
Park Brake Actuation		Electro-hydraulic release	e Operating Weight
HYDRAULIC SYSTEM			SERVICE CAPACITY
Main Pump Type		Piston	Fuel Tank
Main Relief Pressure		22 Mpa	Engine Oil
Raise		5 s	Cooling System
Dump Time		1.5 s	Hydraulic system
Float Down Time		3.6 s	Transmission and Torque
Fastest Total Cycle T	īme	10.1 s	Axles, Front/Rear
INCLUSIONS			
		Emergency steering	Additional counterweight
Auto greaser			

G

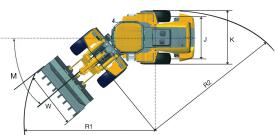
LOADER ARM PERFORMANCE WITH STANDARD B	UCKET 3.5 M ³
Tipping Load-Straight (ISO 14397-1:2007)	12,700 kg
Tipping Load-Full Turn(ISO 14397-1:2007)	11,063 kg
Bucket Breakout Force	161 kN
A. Maximum Hinge Pin Height	4,156 mm
B. Dump Clearance at Full Height Discharge	2,978 mm
C. Dump Reach at Full Height Discharge	1,231 mm
D. Maximum Digging Depth, Bucket Level	50 mm
S1. Bucket Roll back at Ground Level	44°
S2. Bucket Roll Back at Carry	49°
S3. Bucket Roll Back at Maximum Height	57°
S4. Maximum Dump Angle at Full Height	45°

DIMENSIONS	
E. Ground Clearance	431 mm
G. Wheelbase	3,320 mm
H. Cab Height	3,450 mm
J. Wheel Tread	2,150 mm
K. Width Over Tyres	2,750 mm
L. Length with Bucket Down	8,560 mm
M. Turn Angle, Either Side	38°
P. Rear Angle of Departure	27°
R1. Turning Radius, Bucket Carry	6,903 mm
R2. Turning Radius, Outside of Tyre	6,205 mm

23.5R25

OPERATING WEIGHT	
Operating Weight	18,425 kg
SERVICE CAPACITY	
Fuel Tank	270 L
Engine Oil	26 L
Cooling System	50 L
Hydraulic system	225 L
Transmission and Torque Converter	35 L
Axles, Front/Rear	50 L/ 48 L

Rear view Camera



M°INTOSH DISTRIBUTION

Correct as at 24/03/2022.

Specifications and designs are subject to change withput notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.