

WEICHAI
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Bojia Mining Sdn Bhd

山霸王
SBW480WC



Introducing our new 40-ton Mining Dump Truck, model WP10.380E22, a true powerhouse engineered for Malaysia's most demanding conditions. It's driven by a cutting-edge **WEICHAI latest technology developed, in-line 6-cylinder, intercooled turbocharged diesel engine delivering 380hp**, ensuring robust and efficient performance. But what truly sets it apart is its unique and resilient construction: **the only Dump Truck designed and built with a three (3) layers chassis frame (8+7+8)**. This innovative design adds unparalleled strength to withstand bending and torsion, allowing it to conquer greater challenges in rough terrain and elevate your productivity to the next level

PRODUCT	48 TONS HEAVY DUTY OFF ROAD MINING DUMP TRUCK 6X4
PERFORMANCE PARAMETER	
Make	WEICHAI
Model	SBW 480 WC
Drive Train	6 X 4 c/w Duple Hub Reduction
Cabin	Left hand drive - Single passenger.
ENGINE	
Engine Type	Weichai Engine WP10.380E22 In-line 6 cylinder c/w Intercool turbocharged developed fuel efficient and strong torque.
Engine Power (kw/rpm)	280 kw @ 2,200 rpm (380 hp)
Engine displacement	9726 cc
Max. Torque N.m (r/min)	1,600 N.m (1,200 rpm - 1,600 rpm)
TRANSMISSION	
Transmission Type	FAST 10JSD180T - Manual . 10 Forward & 2 Reverse. Air over hydraulic power assisted clutch with synchromesh system
Cluth	Single plate dry diaphragm spring clutch with diameter 430 mm
Max. Speed	64 km/hr
Max. Gradeability (%)	30
CHASSIS / FRAME	The construction of three (3) layers chassis frames 8+7+8 add strength to withstand bending and torsion resistance. It permits to takes great challenge in rough terrain condition and ready for next level of productivity.
SUSPENSION	
Front Suspension	Leaf spring - 10 pcs
Rear Suspension	Leaf spring - 12 pcs (9 x 25mm + 3 x 28.5mm)
Front Axle	9.5 ton
Rear Axle	18 tonx2
Axle Loading (kg)	Front - 12,000 / Rear 36,000 kg
WEIGHT (kg)	
Dead Weight	17,000 kg
Rated Loading Capacity (Pay Load)	31,000 kg
Operationing Load (GVW)	48,000 kg
DIMENSION (mm)	
Bucket (L x W x H)	5,800 mm (L) x 2,300 mm (W) x 1,500 mm (H)
Wheelbase	3,975 mm + 1,400 mm
Wheel Track (front/rear)	2,036 mm / 1,860 mm
Vehicle Dimension (L x W x H)	8,050 mm x 2,500 mm x 3,450 mm
Tyre Size / Rim Size	12.00 - 20. / 8.5 - 20
Fuel Tank	Aluminium fuel tank - 400 liters

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