

## Technical specifications COMT106

Empty weight		35000kg/105000kg	Loading capacity		65000-70000Kg
Maximum speed		41km/h	traction type		6x4
Capacity Tipper	with gate	31.5m³	box dimension	With Gate	5900x3400x1650mm;16mm bottom plate/10mm side plate/14mm rear;bottom NM400/side T700/rear NM400
overall dimensions		9450x4280x4300mm	Entry/exit angle		30° / 46°
minimum turning diameter		≤24m	Minimum ground clearance		≥370mm
VÍA		2743 /2636mm	Distance between axes		3925+1750mm
chassis frame		380 x 120 x (10+10) mm; Ancho 1150mm	Fuel tank capacity / Hydraulic oil tank capacity		530L/135L
Model Engine	Model	Weichai WP13G530E310	530Hp; 6 cylinders with electrically controlled direct injectors, turbocharger with intercooler		
	Emisión / Norma		12.54L / Euro III		
	Nominal speed		2100RPM		
	maximum torque		2300N.m		
<b>Gearbox(Auto)</b>		Type Auto Allison 4800RS ; 7 forward 2 reverse			
Direction system		Full hydraulic steering system			
Axes		<b>25T+40T+40T</b>			
Cabin		Central cabin A/C with reverse camera;			
Tires & Rim		Brand Advance 16.00R25; rim 11.25-25;			
lift cylinder Lifting time loaded Lowering time without load		Deppkaler 4TG-F196*4700; presion Work 22Mpa ≤30S;≤25S			
Leaf spring suspension border(thickness*width*US*main)		18*100*13*4			
Rear leaf spring (thickness*width*NOS*main)		27*120*18*5			
Brake system		Air brake with brake cooling system, 30 inch double chamber; working pressure 1Mpa Air tank 190L Service brake			
Fuel consumption		0.0389~0.045 (L/T*KM) or 21-26L per hour			
Application (large tonnage, large tires, comfortable and efficient)		Open pit mines such as gravels, mix of earth and stones, crusher, open pit mines, non-ferrous metal mine			



# COMT106

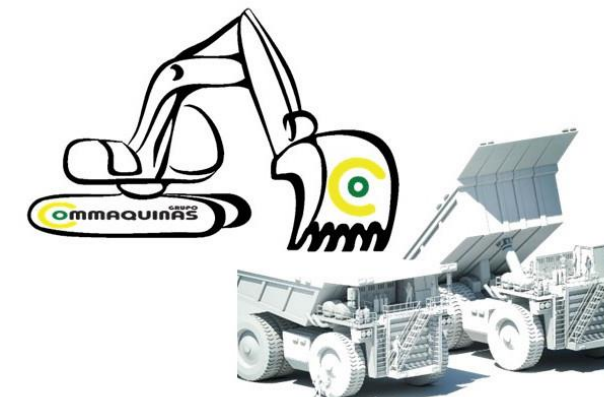
530Hp /Volume: 31.5Cub / Payload 65-70T

Commaquinas España SA  
 Avd Madrid 129Bjo- 36214 – Vigo – Pontevedra –España  
 Web: [www.commaquinas.com](http://www.commaquinas.com)  
 E-mail: [commaquinas@commaquinas.com](mailto:commaquinas@commaquinas.com)  
 Phone: + 351 933 266 003

GRUPO COMMAQUINAS



IAPMEI PME Certificada





## Features and highlights:

- ❖ Perfect combination with construction machinery technology
- ❖ Optimized and patented central cabin, more suitable for local driving habits High power and torque motor, dedicated for mining
- ❖ Allison automatic transmission special for mining Steel plate unfunfable type, high wear resistant
- ❖ High cost-performance ratio, high mechanical availability



### Cabin

Streamlined interior design  
Center cabin offers a wide view  
With reversing camera, air conditioner and Bluetooth to connect mobile phone  
8000 series adjustable air suspension seat 100% smoke tested for better sealing Optional GPS module



### Engine:

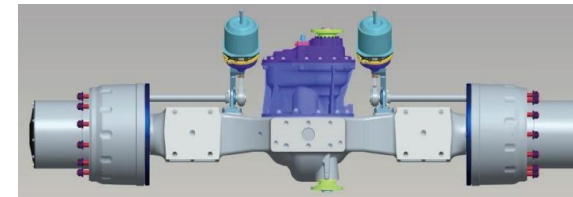
- ❖ 390Kw / 530Hp high power mining motor Low failure rate
- ❖ High working efficiency
- ❖ low fuel consumption
- ❖ The electric fan of the silicone oil engine keeps the temperature constant and reduces fuel consumption
- ❖ The curve switch will reduce fuel consumption



Ratio: 7.63/3.51/1.91/1.43/1.00/0.74/0.64 (R 4.8)

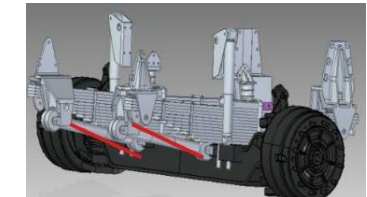
### Allison Gearbox 4800 ORS

- ❖ Unmatched durability and reliability
- ❖ Special transmission for mining with years of testing
- ❖ Best design for higher temperature and adequate capacity Unmatched maneuverability and comfort
- ❖ 10% higher attendance rate of the same brand
- ❖ Intelligent Electronic Control: Intelligent Driving Function Perfect Global Service Network (Available in Pakistan)
- ❖ Longest warranty 5000 hours or 24 months
- ❖ Absolute advantage of lower maintenance costs



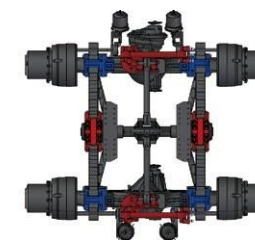
### Drive shaft

Heavy duty fully floating axle shafts are applied. The main reducer features compact structure and high transmitted torque. Upgraded planetary wheel reducer and high strength cast steel axle housing are equipped



### front suspension

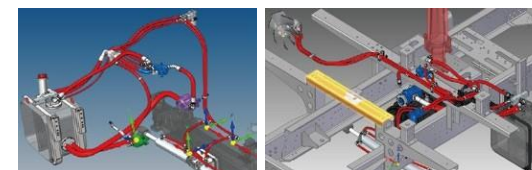
Leaf spring scroll type structure  
Dual 78mm diameter pushrods, greatly enhanced front suspension reliability



### Rear Suspension

The auxiliary rubber spring under the truck frame can better alleviate the impact of the ground, extend the life of the leaf spring, and reduce the failure rate of the frame, engine and other components.

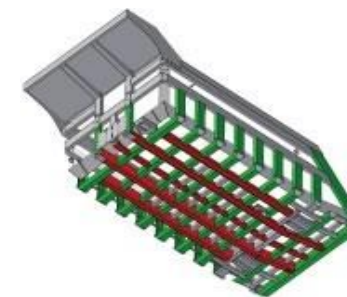
The cross bar effectively improves the tension of the leaf spring bolts (only bears the vertical force), the reliability is greatly improved



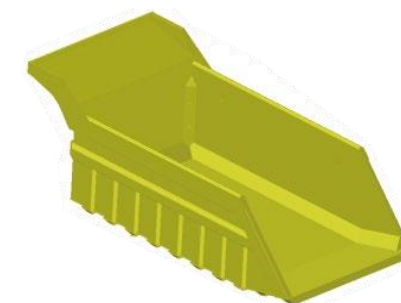
### Full hydraulic steering

- ❖ Construction machine technology, easy and reliable steering, high security
- ❖ Hydraulic steering and lifting system realized by duplex pump, share large torque PTO, easier assembly and maintenance, more reliable

### Tipper



Cross and full beams



NM400 Wear Resistant High Strength Steel Plate

Side board adopts splicing technology, better welding effect