

JAC
MOTORS

4x2 & 6x4 CARGO CHASSIS



الحد للسيارات
Al Hamad Automobiles W.L.L.

BASIC INFORMATION		
Product model	4*2 cargo chassis	6×4 Cargo chassis
	DEMATE 1820	DEMATE 3535
Cab Type	A5	A5
Design Code	G1CC0	Y15K0
Drive Mode	4×2	6×4
Chassis dimensions (L×W×H)(mm)	8705×2472×2983	10925×2495×3150
Wheelbase(mm)	5000	6000+1350
Front Tread/Rear Tread(mm)	1944/1864	2040/1860
Front overhang/Rear overhang(mm)	1400/2305	1495/2080
Frame Section Size (Hf×Wf×Hf)(mm)	280×75×8	302×80× (8×4)
Min turning radius (m)	9.46	11.98
Fifth wheel ground clearance off load (mm)	—	—
Cargo inner dimension (mm)/Fifth wheel/ Effective mixing volume of tank (m³)	—	—
GVW/GCW(kg)	18000	35000
Chassis weight(kg)	5938	10200
Max speed (km/h)	103	≥108
Maximum Gradeability(%)	≥28	≥30

ENGINE		
	4*2 cargo chassis	6×4 Cargo chassis
Engine Brand	Yuchai	Weichai
Engine model	YC6JA200-50	WP10.350E53
Emission	Euro V	Euro V
Rated output power(hp/rpm)	200/2300	350/1900
Rated output power(KW/rpm)	147/2300	
Max torque(N・m/rpm)	800/1200-1800	1600/1200-1600
Displacement (cc)	6870	9726
Air filter	Common air filter	Common air filter
Exhaust direction	right down	right down

CLUTCH		
Clutch Brand	Chinese brand	Chinese brand
Specification	Φ395	Φ430

PERFORMANCE		
Maximum capacity (kg)	6500	9000
Rear brake	Drum	Drum
Free maintenance	—	—

TRANSMISSION		
	4*2 cargo chassis	6×4 Cargo chassis
Transmission	MT	MT
Transmission Model	8JS85TC	10JSD160TB
Forward Gear Number	8	10
Gear position	RH/RL 5/1 7/3 6/2 8/4	RH/RL 7/2 9/4 6/1 8/3 10/5
Gear ratio	7.339/0.750	12.78/0.73
PTO	●	○
PTO Model	QD40J	QH50
PTO joint type	Splines	Splines
Retarder	—	—
Oil cooler	—	—

REAR AXLE		
	4*2 cargo chassis	6×4 Cargo chassis
Rear Axle Brand/Model	Fangsheng Axle	STR Technology
Type	Single reduction	Hub reduction
Gear ratio	5.143	4.8
Maximum capacity (kg)	11500	13000
Rear brake	Drum	Drum
Rear Axle free maintenance	—	—
Specification	Φ100×4	Φ130×5
Maintenance free drive shaft	—	—

CHASSIS & SUSPENSION		
Type	Power steering with domestic Steering gear	Power steering with domestic Steering gear
Fuel tank/Cylinder material	Iron	Aluminum alloy
Fuel tank/Cylinder volume (L)	200	400
Model	10.00R20 16PR、 11R22.5 16PR	12R22.5 16PR、 12R22.5 18PR
Rim material	Steel	Steel
Type	parapolic leaf spring 10/9+7	parapolic leaf spring 10/12
Front axle stabilizer bar	—	—
Rear axle stabilizer bar	—	○

CABIN & COMFORT		
	4*2 cargo chassis	6×4 Cargo chassis
Cabin suspension	2 springs in rear	2 air bags in rear
Air deflector	○	—
Cab sunshade	Sunvisor	Sunvisor
Door lock	Common central lock	Common central lock
Cab flip	Manual	electric
Window glass	Manual	electric
Driver seat	Air seat	Air seat
Co-driver seat	Common	Common
AC	●	●
Heater	●	●
Parking AC	—	—
Air heater	—	—
Liquid heater	—	—
Logo color	silver	silver
Fire extinguisher(kg)	4kg	●
Refrigerator	—	—
Rearview mirror	mechanical	electric & heating

CHASSIS & EQUIPMENT		
	4*2 cargo chassis	6×4 Cargo chassis
T-BOX	—	—
CCS-Cruise control system	●	●
TPMS	—	—
Brake friction plate wear indication	—	●
One start-stop	—	—
220V on-board power supply	—	—
ESS	—	—
Electronic anti-theft	—	—
Engine pre-heating	—	●
Intake resistance alarm	●	●
Spark extinguisher	—	—
Stainless steel wheel cover	—	○
Fan	common	Electronically controlled silicone oil
Thermal curtain of radiator	—	—
Insect-proof net	●	●
Radiator protection frame	—	○
Engine guard	●	●
Chassis tool box	●	●
Escalator	—	—
Chassis cover	—	—
Anti-splash fender	—	—
Upper mudguard on rear axle	—	—
Rear bumper	●	●
Front under bumper	●	●
Side bumper	○	—

AIR SYSTEM		
	4*2 cargo chassis	6×4 Cargo chassis
Air dryer brand	Chinese brand	WABCO
Air reservoir material	Iron	Aluminum alloy
Automatic drain valve	●	●

ELECTRICAL & LIGHTING		
	4*2 cargo chassis	6×4 Cargo chassis
Batteries	12 volt-120Ah×2	12 volt-140Ah×2
Alternator	28 volt / 70 amp	28 volt / 70 amp
Starter	24 volt / 6 KW	24 volt / 5.5 KW
MP3	●	●
MP5	—	○
Daytime running lamps	●	●
Back light	—	—
LED head lamps	○	●
Front headlight protective cover	—	—
Rear headlight protective cover	●	●
Reverse alarm	●	●
ABS	●	●
ASR	—	—
Engine brake	—	●
Exhaust auxiliary brake	●	●
Driving recorder	—	—
LDWS	—	—
EBS	—	—
AEBS	—	—
ESC	—	—

● : Standard ○ : Optional — : Not Available

