

JAC
MOTORS



**4x2 & 6x4
TRACTOR HEAD**

 **الحماد للسيارات**
Al Hamad Automobiles W.L.L.

SPECIFICATION	PROMATE 1937 (4×2 TRACTOR)	PROMATE 4149 (6×4 TRACTOR)
Product Model	PROMATE 1937	HFC4251P1K5E33MV
Cab Type	A5	A5
Design Code	Y45D0	—
Drive Mode	4×2	6×4
Fuel Type	Diesel	Diesel
Chassis Dimensions (L×W×H) (mm)	6160×2500×3300	7075×2551×3581
Wheelbase (mm)	3500	3300+1450
Front Tread / Rear Tread (mm)	2060/1860	—
Front Overhang / Rear Overhang (mm)	1475/980	—
Frame Section Size (Hf×Wf×Hf) (mm)	280×80×(8+5)	322×80×(10+8)
Min Turning Radius (m)	6.58	7.6
Fifth Wheel	JOST 90	—
Fifth Wheel Ground Clearance off Load (mm)	1410	—
Cargo Inner Dimension (mm) / Effective Mixer Volume (m³)	—	—
GVW / GCW (kg)	19500/40000	41000/120000
Chassis Weight (kg)	7648	11080
Max Speed (km/h)	≥88	80
Maximum Gradeability (%)	29	≥30
Engine Brand	Weichai	Cummins
Engine Model	WP12.375E50	ISGe5-490
Emission	Euro V	Euro V
Rated Output Power (HP/rpm)	375/1900	490/1900
Rated Output Power (kW/rpm)	276/1900	330/1900
Max Torque (Nm/rpm)	1800/1000~1400	2300/1100~1300
Displacement (cc)	11596	11800
Clutch Brand	Valeo	Eaton Ceramic Clutch
Clutch Specification (mm)	Φ430	Φ430
Transmission	MT	MT
Transmission Model	12JSD180TA	16JSDX240TA
Forward Gear Number	12	16
Gear Position	R2/R1 7/1 9/3 11/5 8/2 10/4 12/6	R2/R1 2/1 6/5 10/9 14/13 4/3 12/11 16/15
Gear Ratio	12.098/0.779	13.748/0.829
PTO	○	○
PTO Model	QH50	QH70
PTO Joint Type	Splines	Spline
Front Axle Maximum Capacity (kg)	6500	9000
Front Axle Rear Brake	Drum	Drum
Rear Axle Brand / Model	BENZ Technology	Steyr Technology
Rear Axle Type	Hub Reduction	Hub Reduction
Rear Axle Ratio	4.76	5.73
Rear Axle Maximum Capacity (kg)	13000	16000
Rear Axle Rear Brake	Drum	Drum
Driveshaft Specification (mm)	Φ130×5	Φ140×5
Fuel Tank Material	Aluminum Alloy	Aluminum Alloy
Fuel Tank Capacity (L)	400	350+275
Tire Model	12.00R20 18PR	12.00R24 20PR
Rim Material	Steel	Steel
Suspension Type	parapolic leaf spring 10/11+9	parapolic leaf spring 10/12
Front Axle Stabilizer Bar	—	●
Rear Axle Stabilizer Bar	—	●
Batteries	12V-140Ah×2	12V-180Ah×2
Alternator	28V/80A	28V/70A
Starter	24V/5.5KW	24V/5.5KW
AC	●	●
Heater (Warm Air)	●	●
Cruise Control	●	●
Power Windows	●	●
Central Locking	●	●
Driver Seat	Air Seat	Air Seat
Co-driver Seat	Common	Mechanical Seat
MP3	○	—
MP5	○	—
Daytime Running Lamps	●	●
LED Head Lamps	—	●
Rear Headlight Protective Cover	●	●
Reverse Alarm	●	●
ABS	●	●
ASR	—	●
Engine Brake	●	●
Exhaust Auxiliary Brake	●	●
Driving Recorder	—	—
LDWS	—	—
EPBS	—	—
APBS	—	—
ESC	—	—

● = Standard ○ = Optional — = Not Available