



ALL TERRAIN CRANE

MODEL : PATC1250S-III

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

MAIN SPECIFICATION

Overall Length: (mm) 15650
Overall Width: (mm) 2900
Overall Height: (mm) 3990
Unit weight in the travel state: (kg) 70500
Axle load (1st, 2nd): (kg) 11200
Axle load (3rd, 4th): (kg) 11900
Axle load (5th, 6th): (kg) 11900

ENGINE

Model: CUMMINS 6CTA8.3-C240 (Upper Structure)
Rated output: (HP/(r/min)) 243/2200
Engine rated torque: (N.m/(r/min)) 1050/1400
Max.speed: (r/min) 2200

Model: MERCEDES OM502LA.III/1 (Carrier)
Rated output: (HP/(r/min)) 476/1800
Rated torque: (N.m/(r/min)) 2300/1080
Max. speed: (r/min) 2200

TRAVEL

Max. travel speed: (km/h) 70
Min. turning diameter: (m) 24
Min. ground clearance: (mm) 300
Approach angle: (°) 20
Departure angle: (°) 14
Braking distance (at 30 km/h): (m) <10
Max. gradeability: (%) 35
Fuel consumption: (L) 65

LIFTING PERFORMANCE

Max. total rated lifting capacity: (t) 125
Min. rated working radius: (m) 3
Turning radius at swing table end: (mm) 4250
Max. load of base boom: (kN.m) 3234
Max. load of fully extended boom: (kN.m) 1380
Longitudinal distance: (m) 7.7
Lateral distance: (m) 7.6
Lifting height of base boom: (m) 13.2
Lifting height with fully extended boom: (m) 50.2
Lifting height with fully extended boom + jib: (m) 67
Boom length (base boom): (m) 13
Boom length (fully extended boom): (m) 50
Boom length (fully extended boom+jib): (m) 66

WORKING SPEED

Boom raising: (s) 90
Fully-extended/fully retracted: (s) 280
Max. swing speed: (r/min) 2
Outrigger beam (Fully extended): (s) 31
Outrigger beam (Retracted): (s) 25
Outrigger jack (Fully extended): (s) 38
Outrigger jack (Retracted): (s) 34
Main winch: (m/min) 75
Aux. winch: (m/min) 75

