

ProTough 900 Portable Screening Plant

Performance Specifications

Material Capacity

	ProTough 900	ProTough 900 CE
Maximum Single Load	5 cubic Yards	5 cubic Yards
Cycle Time, Average	30 seconds	30 seconds
Shaker Head Decks	2	2
Screen Total Area, mm (in.)	3048 x 2082 (120" x 82")	3048 x 2082 (120" x 82")
Screen Type, Top	Flat	Flat
Screen Type, Bottom	End Tension	End Tension

Weight

Gross, kg. (lbs.)	10133 (22 340)	11431 (25 200)
Tongue, kg. (lbs.)	4100 (9 040)	4463 (9 840)
Rear Axle, kg (lbs.)	6033 (13 300)	6968 (15 360)

Towing

Hitch Type	Fifth Wheel King Pin	Fifth Wheel King Pin
Axle Type	Single Axle, Single Wheel	Single Axle, Single Wheel
Axle Rating, kg. (lbs.)	9525 (21 000)	9525 (21 000)
Tire	315-80R22.5	315-80R22.5
Suspension	Air Ride	Air Ride
Brake System	ABS-Pneumatic	ABS-Pneumatic

Hydraulics

Pump Capacity, (theoretical) lpm (gpm)	52.2 (13.8)	52.2 (13.8)
System Relief, bar (psi) @ zero flow	206.8 (3 000)	206.8 (3 000)
Hydraulics, liter (gal)	80 (21)	80 (21)
Oil Type	10W30 API	10W30 API
Engine to Pump Power Transfer	Direct Coupling	Direct Coupling

Engine

Make / Model	Kubota / D2203	Kubota / D2203
Type	Vertical, Water Cooled, 4 Cycle Diesel	
Displacement, cc (cu. in.)	2197 (134.1)	2197 (134.1)
ISO Net Horsepower, kW (hp)	34.3 (46) @ 2800 rpm	34.3 (46) @ 2800 rpm
Torque @ 2000 rpm, Nm (lbs-ft)	108.5 (80)	108.5 (80)
Fuel, liter (gal)	80 (21)	80 (21)
Oil Type	10W30	10W30

Electrical

Battery Type, (BCI Group)	12 Volt	12 Volt
Battery Capacity	730 C.C.A.	730 C.C.A.
Remote Boost Terminal	Standard	Standard
Alternator	40 Amp	40 Amp

Warranty

Engine *	3 Year	3 Year
Machine	1 Year	1 Year

Warranty available in United States. All other countries provided a 12 month full machine and 2 year engine warranty.

Dimensional Specifications

	ProTough 900	ProTough 900 CE
Overall Length, mm (in.)	7950 (313); 26'-01"	9271 (365); 30'-05"
Transport Height (overall), mm (in.)	3658 (144); 12'-00"	3658 (144); 12'-00"
Overall Width, mm (in.)	2413 (95); 7'-11"	2413 (95); 7'-11"
Hopper Length, mm (in.)	4116 (162); 13'-6"	4116 (162); 13'-6"
Loading Height, mm (in.)	3327 (131); 10'-11"	3327 (131); 10'-11"
Operating Height, mm (in.)	3378 (133); 11'-01"	3378 (133); 11'-01"
Shaker Head Width, mm (in.)	3353 (132); 11'-00"	3353 (132); 11'-00"
Finish Capacity, Bucket Width, mm (in.)	3962 (156); 13'-00"	3962 (156); 13'-00"
Finish Capacity, Bucket Height, mm (in.)	1981 (78); 6'-06"	Discharge (Feeder) Conveyor
Additional Length, Conveyor, mm (in.)		1302 (51) 4'-03"
Clearance Under Conveyor, mm (in.)		905 (35) 2'-09"
Conveyor Height, mm (in.)		1280 (50) 4'-02"

Specifications subject to change without notice