

# MEGAPUMP 44S



### SPECIFICATIONS

Power Req (KW)	16
Pump Sp (R.P.M)	770-1600
Max Flow Litres/Sec	45
Suction Lift (m)	9.1
Solids Size (mm)	75
Air Handling Capacity (cfm)	50
Inlet/Outlet (mm)	100/100
Max Delivery Head (m)	21.3

### DIMENSIONS

Silenced Unit (Incl Fittings)	
Length (cm)	228
Width (cm)	149
Height (cm)	180
Dry Weight (kg)	1620
Fuel Tank Capacity (L)	219
dB(A) Rating @ 7mtrs	59

### Open Unit (Excl Fittings)

Length (cm)	175
Width (cm)	100
Height (cm)	129
Dry Weight (kg)	758
Fuel Tank Capacity (L)	105

### PUMP MATERIALS

Pump Casing	Grey Iron BSEN1561 Grade EN-GJL-200
Impeller	Cast Iron BSEN1563 Grade EN-GJS-450-10
Shaft	Steel BS EN10277 Grade C40+C
NRV Body	Grey Iron BSEN1561 Grade EN-GJL-200
Mechanical Seal	Silicon V Silicon Carbide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical Roller
Priming Method	Diaphragm Prime

### PRIME MOVERS

Engine	Isuzu 4LE1 / Perkins 404D-22
Fuel Consumption BEP L/hr	4.8L/hr
Electric motors also available	

