



350 PUMP – MOBILE, RELIABLE PUMP FOR FUEL OR WATER TRANSFER

The DRS 350 gal/min (gpm) pump is specifically designed to meet the varied demands of the military for the transfer of fuel and water. Each unit has a liquid cooled, four-cylinder diesel engine, a centrifugal pump, control panel, suction valves, discharge valves and an internal fuel tank.

Pump speed can be user-selected in manual mode or pressure-controlled in automatic mode. The latter automatically adjusts the engine to maintain the system flow and pressure requirements based on inlet and outlet pressure. This feature is particularly valuable when staging pumps in a hose line over a long distance.

The two-wheel frame makes these units easy to tow over short distances, and the folding tow bar allows the unit to be transported in a Tricon shipping container. Designed for optimum reliability and built to meet rugged military service, the 350 GPM Pump can be easily relocated and set into operation.

350 PUMP

PERFORMANCE FEATURES

SPECIFICATIONS

National stock number:	Pumping assembly, water — NSN 4320-01-526-5278 Pumping assembly, fuel - NSN 4320-01-524-4467
Pump capacity	350 GPM, 275 feet total head, 2,320 rpm, .75 Sp. Gr.
Unit size	203.2 cm x 177.8 cm x 180.3 cm / 80 inches x 70 inches x 71 inches
Unit weight	1043.3 kg / 2,300 lbs.
Operating temperature range	-37.7 °C to 48.9°C / -25°F to 120°F
Storage temperature range	-53.9°C to 68.3°C / -65°F to 155°F
Maximum towable speed	20 mph
Fording capability	76.2 cm / 30 inches
Fuel tank capacity	71.9 liters / 19 gallons
Engine specifications	John Deere, Model 4024TF270
Number of cylinders	4
Bore	86 mm / 3.4 inches
Stroke	104 mm / 4.1 inches
Displacement	2.44 L / 149 cubic inch
Emissions	Tier II
Working principle	Four-stroke diesel with turbocharger
Power output	60 hp at 2,400 rpm
Fuel	DF1, DF2, Jet A, Jet A1, JP4, JP5 or JP8
Compression ratio	18.2:1
Pump specifications	Gorman-Rupp, Model 04A13-(F3L)
Pump type	Self-priming centrifugal
Design working pressure	723.9 kPa / 125 psi
Suction and discharge size capacities	101 mm / 4 inch camlock connections (2 suction, 2 discharge)

Specifications subject to change without notice.

