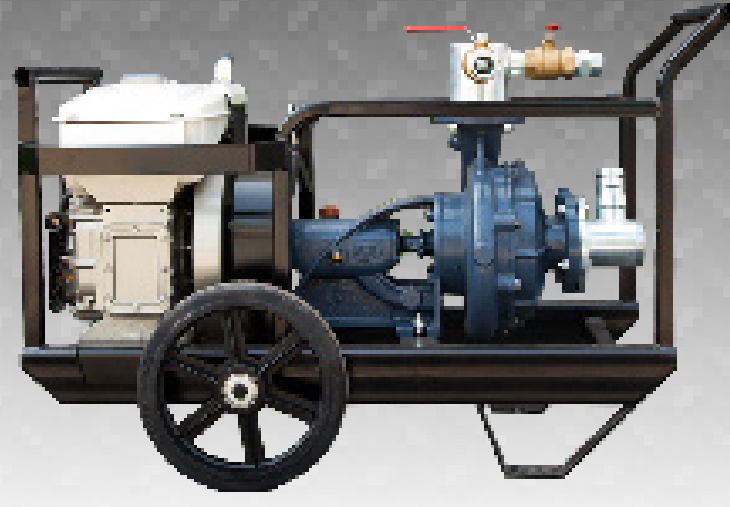
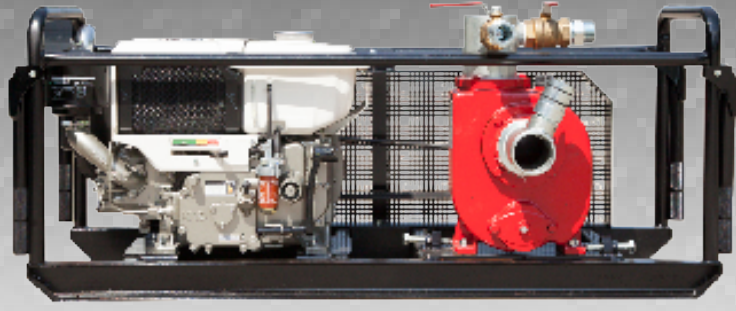


SPECIFICATION



	KATO MUD PUMP	TAKI HEAVY DUTY MUD PUMP	TAKI TRAILER MUD PUMP
ENGINE TYPE	9 HP Kubota Diesel engine (6.7 kW) 13 HP Honda Petrol engine (9.7 kW)	14 HP KUBOTA Diesel engine (10.4 kW) Model: RT140	36 HP YANMAR Diesel engine (26.8 kW) Model: 3TNV88-DSA
MUD PUMP TYPE	Single stage centrifugal, KATO model *Typical Capacity: 1500 Litres/min (330 gals/min) at 10 m head (15psi) Max pressure: 2 bar(30psi)	Double Stages centrifugal, TAKI model: 65-33/2 *Typical Capacity: 1000 Litres/min (220gals/min) at 70 m head (100psi) Max pressure: 4 bar (60psi)	Double Stages centrifugal, TAKI model: 65-33/2 *Typical Capacity: 1170 Litres/min (260gals/min) at 80 m head (115psi) Max pressure: 6 bar (100psi)

**Maxium Diameter & depth recommended			
76mm drill pipe	165mm bit x 80m depth 200mm bit x 60m depth	165mm x 120m depth 200mm x 100m depth 250mm bit x 20m depth	165mm x 140 m depth 200mm x 150m depth 250mm bit x 50m depth
90mm 'open throat' drill pipe	165mm x 120m depth 200mm x 100m depth	165mm x 150m depth 200mm x 120m depth 250mm bit x 40m depth	165mm x 200 m depth 200mm x 200m depth 250mm bit x 100m depth
WATER HOSES (with PAT Quick Couplings fitted)	Suction Hose: 75mm/3 inch x 4 m long with suction strainer/foot valve Pressure Hose: 40mm , 1 1/2 inch x 6 m long Mixing/gunline: 40mm, 1 1/2 inch x 4 m long Hand priming pump on suction inlet	Suction Hose: 75mm/ 3 inch x 4 m long with suction strainer/foot valve Pressure Hose: 50mm, 2 inch x 6 m long Mixing/gunline: 40mm, 1 1/2 inch x 4 m long Hand priming pump on suction inlet	Suction Hose: 75mm/3 inch x 6 m long with suction strainer/foot valve Pressure Hose: 50mm, 2 inch x 6 m long Mixing/gunline: 50mm, 1 1/2 inch x 4 m long Hand priming pump on suction inlet
MOUNTED	Steel skid frame	Steel skid with 2 wheel	Road Trailer with sprung axle and overrun brakes.
WEIGHT	150 kg	260 Kg	770 Kg
Dimension	58 x 120 x 65 cm.	83 x 128 x 83 cm.	172 x 326 x144 cm.

NOTES* All centrifugal pumps reduce output flow as output pressure rises. When mud drilling, The biggest cause of increased pump outlet pressure is caused by pressure lost to friction inside the drill pipe

NOTES** Final depth that can be reached depends on the exact nature of formation being drilled, the type & mix of drill mud and the condition of the mud pump

TYPICAL ACCESSORIES

Mud viscosity measuring 'Marsh Funnel & Cup'
Mud Density - Mud Balance
PH Meter

Polymer Drill Mud
Bentonite - For drilling
Soda Ash to raise PH for drilling muds

Mud Pump Spares sets - to replace lightly worn seals, shafts and impellors

Bare Pump' to replace complete pumping unit worn through use