

PUMPS



WF™ 700 MUD PUMP PACKAGE

Beyond Integration
Seamless Solutions™



WF™ 700 Mud Pump Package

Pump Package Features

- Compact & Lightweight
- Main Equipments Made in China, High-quality & Low-price,
- Parts Easy Purchase
- Power Optional: Diesel Engine, AC Motor, DC Motor



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- Small Footprint, More horsepower
 - Lower Cost, Better Value
 - Light Weight and Robust
 - Balanced Performance, Long Life



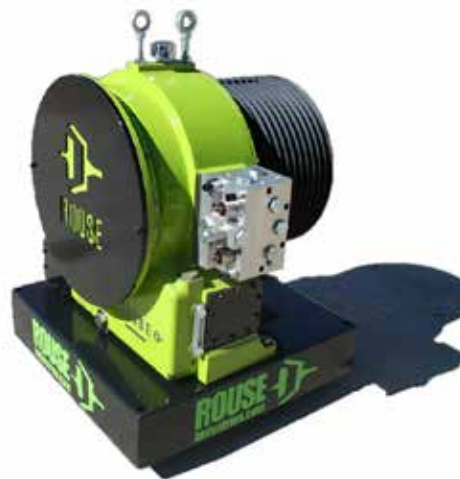
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- High-performance Engine
 - Deluxe control Panel
 - Remote control
 - Easy operation



- TSC Charger Pump
- Increase Mud Pump Efficiency



- Multistage Transmission
- Keep Engine High Efficiency
- Belt Drive, Easy Maintenance

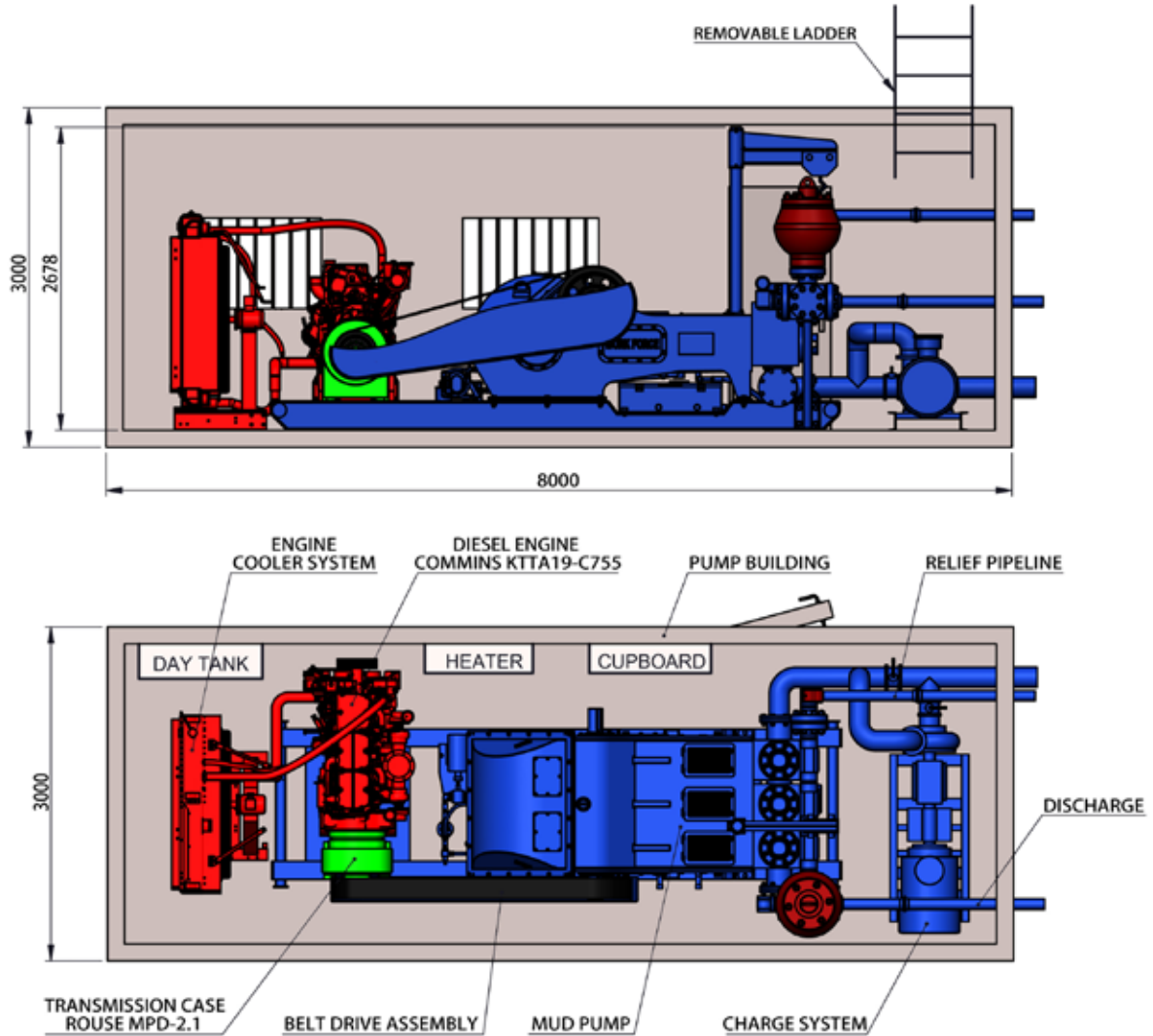


- Pump Building Installed Heater, Pump Package still run in cold condition
- Protect Pump Package When Transportation



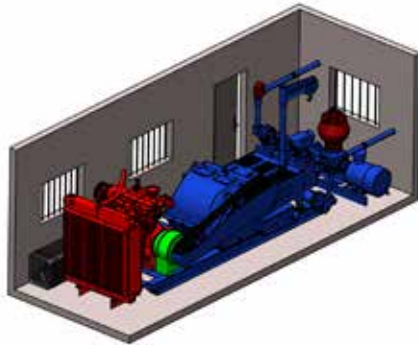
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Diesel Engine Specifications		WF™ 700 Pump Specifications		Transmission Case Specifications	
Diesel Engine Type	KTTA19-C755	Max. Output Horsepower (HP)	700	Type	Rouse MPD-2.1
Max. Output Horsepower (HP)	755@1900rpm	Rated Pump Speed (SPM)	150	Max. Output Speed (rpm)	2100
Peak Torque (N.m)	2999@1400rpm	Stroke (mm)	215.9	Max. Output Horsepower (HP)	1100
Bore and Stroke (mm)	159*159	Suction Inlet	8"-150#	First Ratio	2:1
Displacement	19	Discharge Outlet	4"-5000PSI	Second Ratio	3:1
Compression Ratio	13.9:1	Ratio of Gears	5.05	Weight (kg)	1230
Coolant Capacity (L)	106	Valve Pot	API-7	-	-
Lube Oil System Capacity (L)	47.3	Bare Pump Size (L*W*H) (mm)	3565*2310*2214	-	-
Engine Weight, Dry (kg)	3606	Weight, Pump Only (kg)	8600	-	-
Engine Weight, Wet (kg)	3810	-	-	Package Weight (kg)	20600

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Utility Requirements:

- Electrical Supply: 380VAC 50Hz 3PH, Minimum Power 60kW, Electric Cabinet
- Air Supply: 8ATM@10SCFM,NPT3/8"
- Fluid Supply: Fresh Water,NPT1"

WF™ 700 Diesel Drive Package Performance Data

Speed I		Gear ratio		3	Belt ratio			1.3	-	
Liner Size(")		4	4.5	5	5.5	6	6.5	7	Brake Horsepower	
GPS		1.39	1.76	2.17	2.62	3.12	3.66	4.25		
Rated Pressure(psi)		5000	4100	3321	2745	2306	1965	1695		
RPM	HPmax	SPM	GPM(Gallon Per Minutes)							(Mud pump)
(Diesel Engine)	(Mud pump)									
1200	320	61	85	107	132	160	190	223	259	285
1300	520	66	92	116	143	173	206	242	280	308
1400	589	71	98	125	154	186	222	260	302	332
1500	628	76	105	133	165	199	237	278	323	355
1600	665	81	112	142	176	212	253	297	344	378
1700	698	86	119	151	186	226	268	315	365	401
1800	727	91	126	160	197	239	284	333	387	425
1900	755	96	133	169	208	252	300	352	408	448

Speed II		Gear ratio		2	Belt ratio			1.3	-	
Liner Size(")		4	4.5	5	5.5	6	6.5	7	Brake Horsepower	
GPS		1.39	1.76	2.17	2.62	3.12	3.66	4.25		
Rated Pressure(psi)		5000	4100	3321	2745	2306	1965	1695		
RPM	HPmax	SPM	GPM(Gallon Per Minutes)							(Mud pump)
(Diesel Engine)	(Mud pump)									
1200	320	91	126	160	197	239	284	333	387	425
1300	520	99	137	174	215	260	309	363	421	463
1400	589	107	148	188	232	281	334	392	455	500
1500	628	114	158	200	247	299	356	418	484	532
1600	665	122	169	214	264	320	381	447	518	569
1700	698	129	179	227	280	338	403	473	548	602
1800	727	137	190	241	297	359	428	502	582	639
1900	755	145	201	255	314	380	453	531	616	677

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