

Single Pump Trailer 600 - 580



Profile

The KOLLER Trailer mounted Well Servicing Unit is used for pumping services by the Oil- and Gas industry for wells in harsh environments.

The pumping unit is adaptable to permit various liner sizes to be fitted for either high pressure low rate or low pressure high operations within the constraints of the available BHP.

- Caterpillar C15 engine, 433 kW / 580 HP
- Allison OFS 4700 transmission
- SPM TWS 600 S plunger pump
- ambient temperature 0°C to + 55°C
- hydraulic driven air condition
- operator cabine with shock absorbers to prevent harmful vibrations
- equipped with a hydraulic driven on board booster pump
 - integrated booster / fill pump to feed the SPM TWS 600 S
 - possibility of pumping from an external source
- displacement tank with two components - each 11 bbl
- H2S resistant

Single Pump Trailer 600 - 580

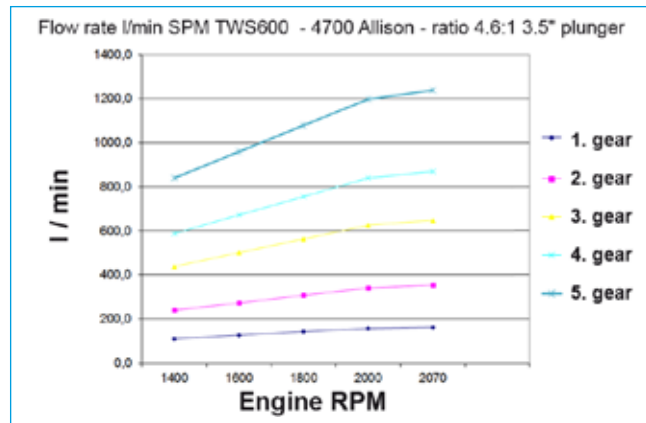
Dimensions

Length mm / ft (Supplier to provide)	9,950 / 33
Width mm / ft	2,600 / 9
Height mm / ft	4,100 / 13
Weight kg / lbs	16,600 / 36,597

Technical Data

Engine Power hp / kW	580 / 433
Shift Engine Speed rpm	2,100
Hydraulic Reservoir l	200
Fuel Reservoir l	400
Lubrication Reservoir l	250
Ambient Temperature °C	0 to + 55

Pump Performance with 3.5" Plunger (other diameters on request)



Flow Rate / Pressure with 3.5" Plunger

Engine rpm	1. gear		2. gear		3. gear		4. gear		5. gear	
	flow / min in l	pressure bar	flow / min in l	pressure bar	flow / min in l	pressure bar	flow / min in l	pressure bar	flow / min in l	pressure bar
1400	113.2	1,417.6	246.1	652.1	452.2	354.9	604.0	265.7	863.7	185.8
1600	129.4	1,355.6	281.2	623.6	516.8	339.3	690.3	254.1	987.7	177.7
1800	145.5	1,256.1	316.4	577.9	581.4	314.4	776.6	235.4	1,110.5	164.6
2000	161.7	1,130.5	351.5	520.1	646	283	862.9	211.9	1,233.9	148.2
2070	167.4	1,092.3	363.8	520.5	668.6	273.4	893.1	204.7	1,277.1	143.2

Engine Power Caterpillar C15 580 HP / 433 kW

power (kW)	252	288	347	388	406	418	428	433	433	433	433
speed (rpm)	1,100	1,200	1,300	1,400	1,500	1,600	1,700	1,800	1,900	2,000	2,100
torque Nm	2,190	2,292	2,549	2,647	2,585	2,495	2,404	2,297	2,176	2,068	1,967

