

Double Pump Trailer



Profile

The KOLLER Double Pump Trailer is built for pumping fluids.

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

The unit is capable of pumping for prolonged durations. The unit is equipped with two hydraulic driven on board booster/fill pumps. The unit has a displacement tank with two compartments - each 11 bbl .

The tanks are installed in such a way that the operator can view the entire tank volume from the operator's platform.

- 2x Caterpillar C15 engine, 433 kW / 580 HP
- 2x Allison OFS 4700 transmission
- 2x SPM TWS 600S plunger pump
- equipped with two hydraulic driven on board booster pumps
 - integrated booster / fill pump to feed the SPM TWS 600 S
 - possibility to pump from an external source



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Dimensions

Transport length mm / ft (without high-pressure piping)	13,921 / 45.67
Overall length mm / ft (with assembled high-pressure piping)	14,214 / 46.63
Transport width mm / ft	2,875 / 9.43
Overall width mm / ft (completely assembled)	3,926 / 12.88
Height mm / ft	4,100 / 13.45
Weight kg / lbs	26,500 / 58,422

Technical Data

Engine Power hp / kW	2 x 580 / 433
Engine Speed rpm	max. 2,070
Hydraulic Reservoir l	350
Fuel Reservoir l	2 x 950
Lubrication Reservoir l	2 x 200
Ambient Temperature °C	-20 / +50



Flow Rate / Pressure with 3.0" 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	83	1,810	181	833	332	453	444	339	635	237
1600	95	1,740	207	801	380	436	507	326	725	228
1800	107	1,617	232	744	427	405	570	303	816	212
2000	119	1,455	258	669	475	364	634	273	906	191
2070	123	1,406	267	647	491	352	656	264	938	184

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	1,418	246	652	452	355	604	266	864	186
1600	129	1,356	281	624	517	339	690	254	988	178
1800	146	1,256	316	578	581	314	777	235	1,110	165
2000	162	1,130	351	520	646	283	863	212	1,234	148
2070	167	1,092	364	520	669	273	893	205	1,277	143

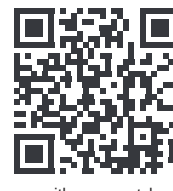
Engine Power Caterpillar C15 433 kW / 580 HP

	252	288	347	388	406	418	428	433	433	433	433
power (kW)											
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



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