



# Logan FlexaDrive™ 1000-2

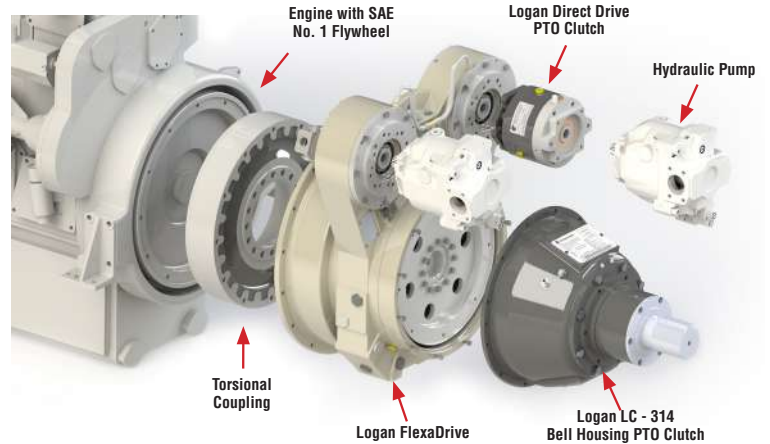
## 2-Position Pump Drive System for Engines up to 1000 HP (745kW)

### Logan FlexaDrive™ Series Description:

The Logan FlexaDrive is a self-contained, multiple pump drive gearbox, which provides full engine power between your engine (power take-off) and transmission. Various step-up gear ratios are available for direct drive PTO's. An integral Flexible coupling is required to dampen torsional vibration. Logan FlexaDrives mount to all standard SAE flywheel housings ranging from No. 3 to No. 00, and can be positioned up to 45 degrees in either direction.



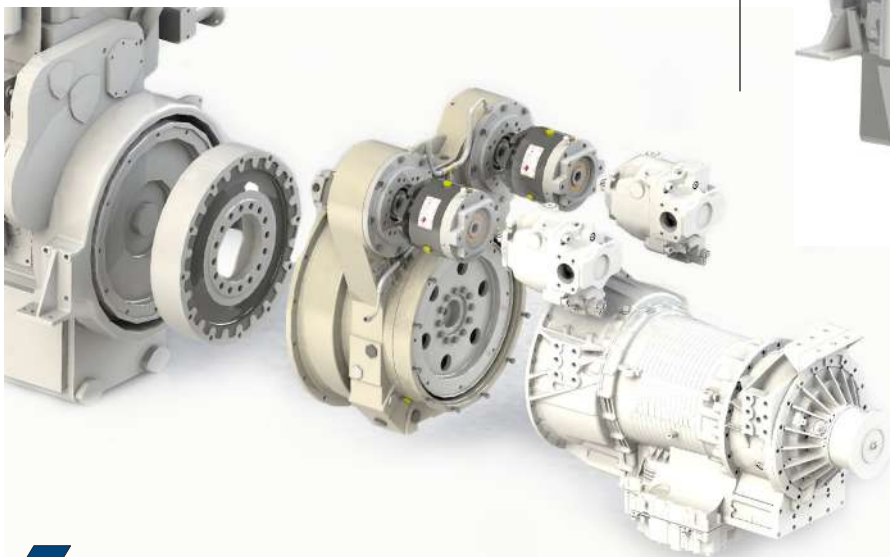
The Logan 1000-2 Series is outfitted with (2) Towers and (4) PTO/PTI pads; accommodates up to 1000 HP / 745kW, and can be positioned up to 45 degrees in either direction.



Mobile or stationary equipment driveline with 1000-2 FlexaDrive and Logan SAE No. 1 flywheel mounted LC-314 Bell Housing PTO clutch (dry). Ideal for 296 to 592 HP/ 221 to 441 kW engine ranges.

The Logan 2-Position Pump Drive is outfitted with up to four (4) PTI / PTO pads, and can accommodate up to 1000 HP (745 kW) Engines, with maximum Speeds up to 2200 RPM, and a maximum of 160 HP (120kW) per tower under continuous duty.

- Input Housing SAE No. 1 – No. 3
- Output Housing SAE No. 1 – No. 3
- Pump Pads SAE A – SAE D
- Continuously Rated – Both Towers 320 HP (240kW)
- Continuously Rated – Per Tower 160 HP (120kW)
- Integrated Reservoir – Eliminates Need for Secondary Tank
- Standard Pump Drive Tower Ratios are 1:1 and 1:1.25
- Reverse Compatible Envelope with Leading Brands



1000-2 coupled to a 3,000 GPM mobile or skid mounted water, sewage or slurry pumping unit

1000-2 coupled to a 4700 Series Allison Transmission. Full power from engine to transmission. Modified standards available.

 **Logan Clutch Corporation**  
 manufacturers of clutches and brake products

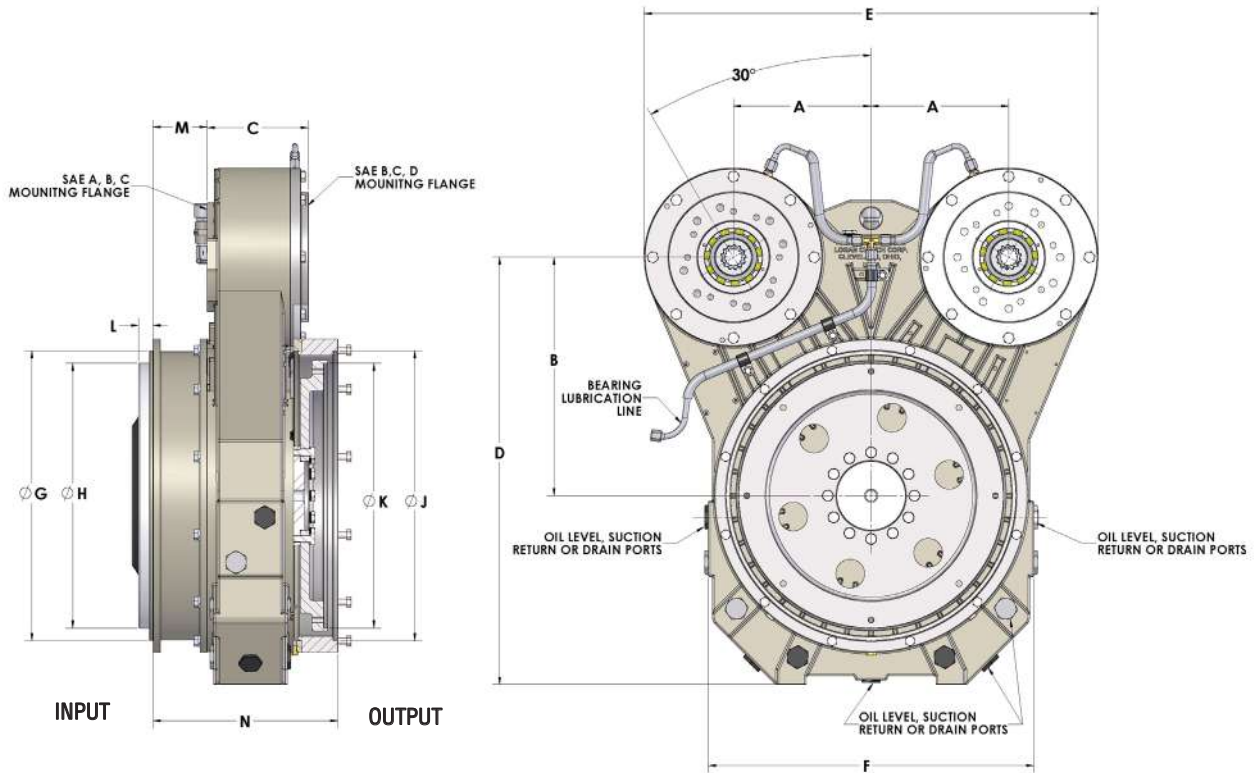
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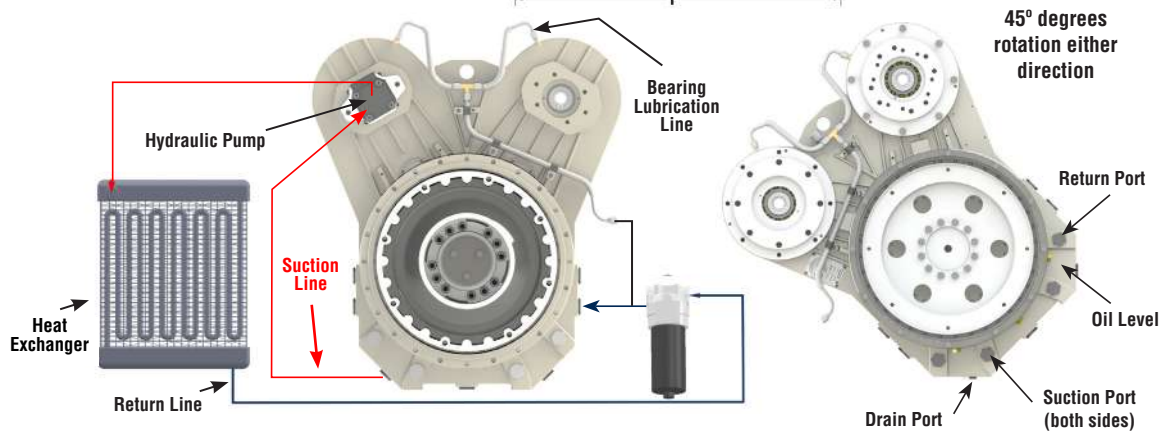
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# NEW! Logan FlexaDrive™ 1000-2 2-Position Pump Drive System for Engines up to 1000 HP (745kW)



FlexaDrive™ 1000-2 Dimensions					
A	B	C	D	E	F
9.55	16.54	10.88	35.24	31.5	10.88
UNITS in/mm					
242.6	420.2	276.2	895.2	800.2	276.2



OPERATING PARAMETERS FlexaDrive™ 1000-2					
<b>SPEEDS</b> 2200 RPM MAX.	<b>MAX.INPUT POWER</b> 1000 HP / 745 kW	<b>TOTAL HEADS CAPACITY*</b> 320 HP / 240kW	<b>SINGLE HEAD CAPACITY*</b> 160 HP / 120 kW @ 3000 RPM MAX.	<b>GEAR RATIO</b> 1:1; 1:1.25	<b>OIL CAPACITY</b> 3 Gal./11.4L

INPUT** [HOUSING/ FLYWHEEL]		OUTPUT*** [HOUSING/ FLYWHEEL]		G	H	J	K	L	M	N	WEIGHT **** [Lbs./kg]
				[in/mm]	[in/mm]	[in/mm]	[in/mm]	[in/mm]	[in/mm]	[in/mm]	
SAE 0	SAE 18"	SAE 0	SAE 18"	25.50/647.7	22.50/571.50	25.50/647.7	22.50/571.50	0.63/15.88	6.31/160.22	16.88/428.95	1160/527
SAE 1	SAE 14"	SAE 1	SAE 14"	21.13/539.8	18.38/466.73	21.13/539.8	18.38/466.70	1.00/25.4	3.75/92.3	12.83/325.88	870/395
SAE 0	SAE 18"	SAE 1	SAE 14"	25.50/647.7	22.50/571.50	21.13/539.8	18.38/466.70	0.63/15.88	6.31/160.22	15.38/390.85	1050/477

\*\* Flexible torsional coupling is required for pump drive input. Buyer Responsible for Torsional Vibration Analysis (TVA).

\*\*\* Non-Standard output housings, flywheels and direct drive attachments are available. Consult factory for details.

\* Continuous duty.

\*\*\*\* Weight without oil. Weight of oil approx. 25 Lbs./11.4 kg.

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