



ProManure E2353 Lagoon Super Pump

Technical data

The ProManure E2353 is a high volume, long-lasting, lagoon pump. Designed for the rigors of today's operators, it is user-friendly, easy to operate, and designed with years of experience in the manure industry.

Standard features

- 10-inch discharge
- The 10-inch steel discharge pipe is structurally integrated. This design allows replacement of any part of the discharge, including the agitation nozzle.
- HD undercarriage with double wheels
- Pump housing, discharge and bottom plate are made of Hardox® 450 steel
- 18" diameter 6-blade impeller made of standard steel
- Lagoon floor protection with soft edges bolted to the pump main frame
- Wide operating range 8" agitation nozzle with 320° side to side mobility and 130° up and down articulation.

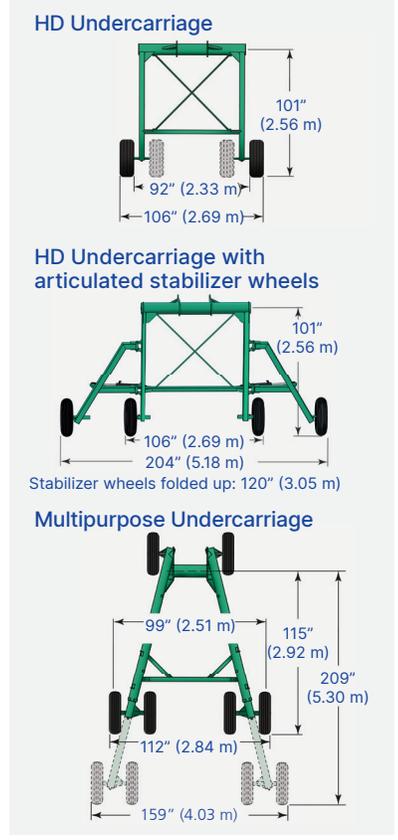
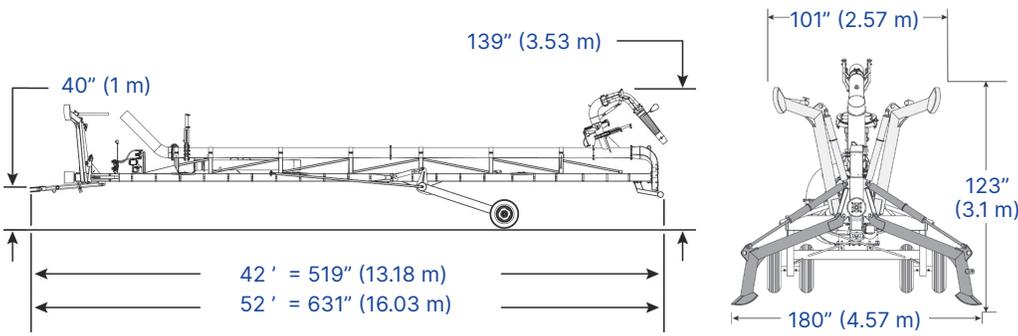
- Side stabilizer legs
- Rotating discharge elbow
- Removeable aluminum discharge pipe with onboard storage
- Two control options: wired remote or hoses direct to the tractor with selector solenoids

Optional features

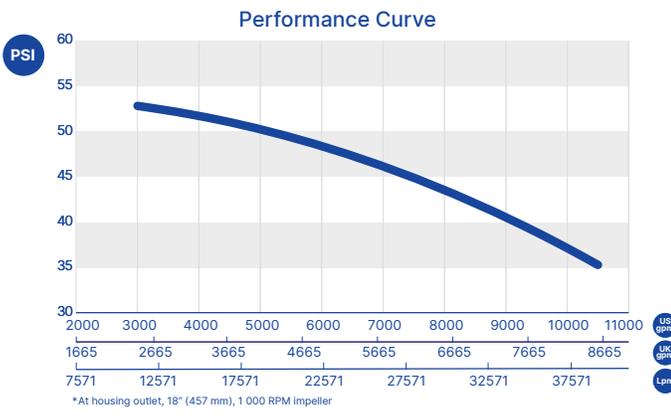
- Multipurpose undercarriage with double wheels
- Sand package with Hardox® 450 impeller and shredder blade and knives delete

Technical data and performance

The E2353 pump is available in the 42' and 52' lengths



With HD Undercarriage		With HD Undercarriage and stabilizer wheels		With Multipurpose Undercarriage		Stabilizer Legs
42'	52'	42'	52'	42'	52'	435 lb
6360 lb	7005 lb	6615 lb	7255 lb	7085 lb	7730 lb	197 kg
2885 kg	3180 kg	3000 kg	3291 kg	3215 kg	3510 kg	

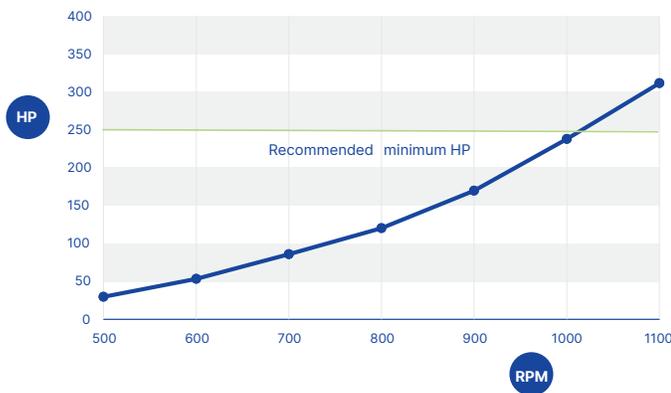


Pump Performance

The E2353 pump requires a category 3 tractor with a minimum of 250 horsepower and it is available in 1 000 RPM only. Agitation horsepower requirements vary depending on the RPM during agitation.

- PTO driveline size: 1 3/4" - 20 splines
- PTO model: #77 48" 20R-20R T CE
- Minimum hydraulic pressure to operate the gate valve: 1 750 PSI (120 bar)
- Maximum hydraulic pressure to operate the gate valve: 3 620 PSI (250 bar)

Power (HP) required in Agitation mode in function of PTO RPM



Power (HP) required in Loading mode*



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