



Subject to modification

ProManure E2343 Lagoon Agi-Pompe

Technical data

The ProManure E2343 is a high volume, long-lasting, lagoon pump. Designed for the rigors of today's operators, the E2343 pump is available in two different configurations - manure containing sand or manure containing fiber and no sand.



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
- Field proven heavy-duty propeller for agitation up to 22,840* US gpm, 19,018 UK gpm and 86,459 lpm.
3 propeller sizes:
 - 18" (457 mm): 270 HP min.
 - 16" (406 mm): 250 HP min.
 - 20" (508 mm): 285 HP min.

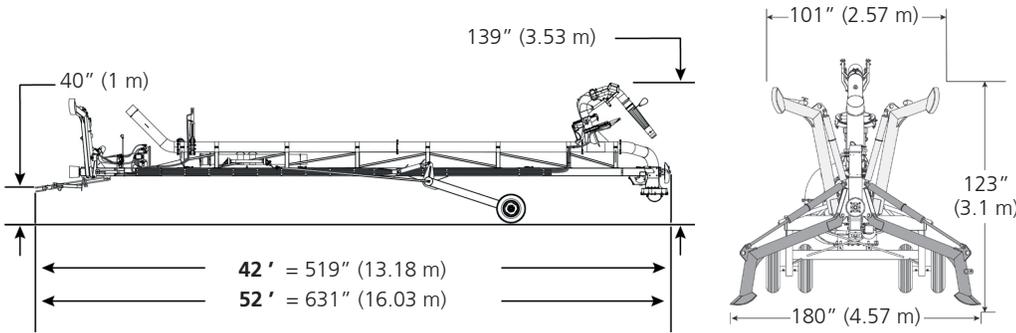
- Wide operating range 8" agitation nozzle with 320° side to side mobility and 130° up and down articulation.
- Front stabilizers
- Rotating discharge elbow
- Removeable discharge pipe with onboard storage
- Two control options: wired remote or hoses direct to the tractor with selector solenoids

Optional features

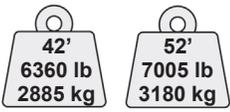
- No propeller: 220 HP at 1,000 RPM
- HD undercarriage with articulated stabilizer wheels
- Oil cooler on housing
- Multipurpose undercarriage with double wheels

Technical data and performance

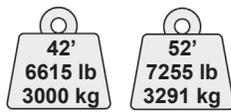
The E2343 pump is available in the 42' and 52' lengths



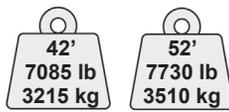
With HD Undercarriage



With HD Undercarriage and stabilizer wheels



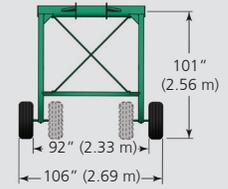
With Multipurpose Undercarriage



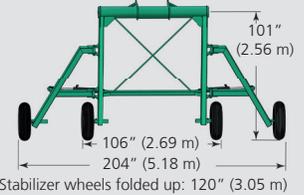
Stabilizer Legs



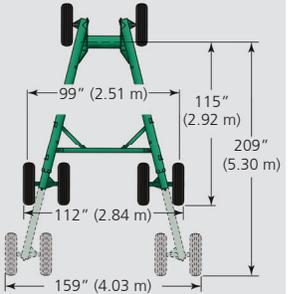
HD Undercarriage



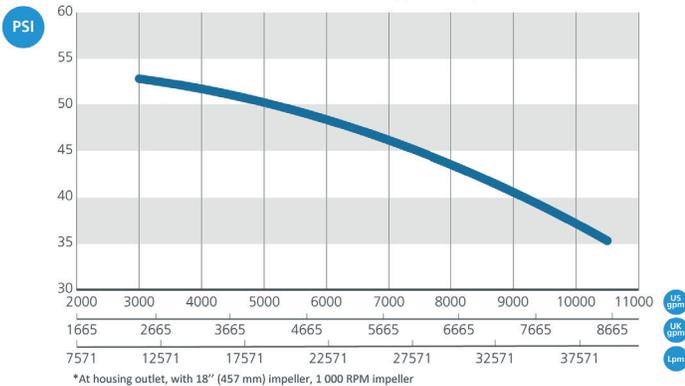
HD Undercarriage with articulated stabilizer wheels



Multipurpose Undercarriage



Performance Curve

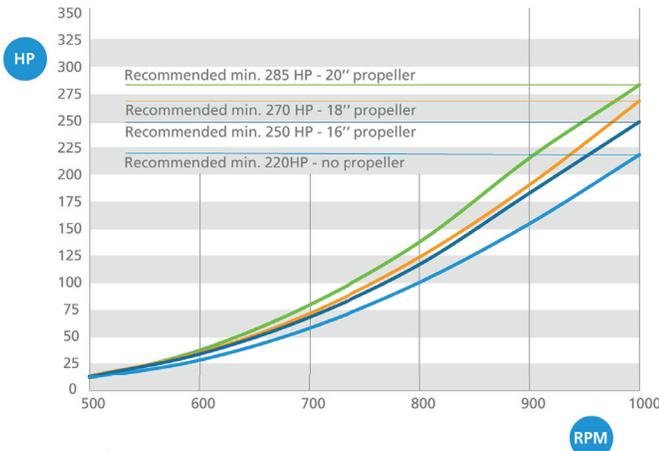


PUMP PERFORMANCE

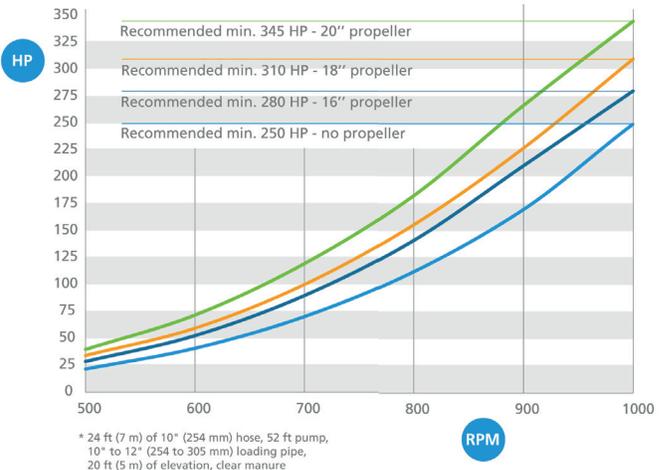
The E2353 pump requires a category 3 tractor with a minimum of 250 HP (depending on the propeller) and it is available in 1 000 RPM only. Agitation horsepower requirements vary depending on the RPM during agitation and the impeller size.

- 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 function of PTO RPM in AGITATION mode



Power (HP) required in function of PTO in LOADING mode*



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