

Articulated Agi-Pompe

OVERVIEW

The concept of the articulated pumps offered by GEA is to have the pump attached to the tractor with a solid 3-point hitch and two hydraulic controlled articulations allowing positioning the pump into a lagoon or a concrete pit.



The Articulated Agi-Pompe stands out by its powerful propeller providing a constant agitation as you are in loading or agitation mode. This far-reaching pump allows faster agitation and transfer of manure from main storage. The Articulated Agi-Pompe rapidly homogenizes liquid manure using a tractor with a minimum of 140 HP – 540 RPM only. Also available in 1000 RPM with gearbox reduction.

Key Features

- 18, 21 and 24 feet models.
- 20" (508 mm) or 24" (610 mm) propeller. Provide a constant agitation up to 21 500 US gpm (81 386 lpm) in loading mode as well as agitation mode.
- Knife Kit on Propeller to cut fibrous material and aid in the discharge of manure;
- 6" (150 mm) aluminum discharge. Also available in 8" (200 mm) for faster loading;
- Heavy-duty drive line with #55 PTO;
- Double joint in oil bath for low maintenance and articulation with #77 double joint;

- Easy access for maintenance of the driveline joint;
- Low maintenance gearbox protected by our 3 seal system on each shaft to protect against contamination. A heavy-duty gearbox is also available;
- 6" (150 mm) or 8" (200 mm) directional valve for either agitation or transfer of manure. It can be operated while pump is at low RPM;
- Wide operating range anti-swirl agitation nozzle with 320° horizontal rotation and 130° vertical articulation;
- 4" (102 mm) adjustable nozzle
- Double-hinged articulation on agitation nozzle for constant flow with less restriction;
- Impeller housing made of Abrasion Resistant steel.
- 26" (660 mm) impeller.
- Remote Grease Line Kit to lubricate the bearing housing without removing the pump;

Articulated Housing

The Articulated Housing is a valuable, time saving option. The agitation nozzle combined with the 40° vertical rotation of the articulated housing creates enough turbulence to significantly reduce the time needed to homogenize your main storage.

Options

- Wheels and draw bar for road travel;
- Remote Control to operate the pump and its multiple functions from inside the cab using 1 hydraulic outlet.
- Adjustable Heavy-Duty 3-Point Hitch is an option on the 18' (5,5 m) and 21' (6,4 m) models. Included only on the 24' (7,32 m) model;
- Drive Line in Oil Bath for articulation;

! Please note that this is a global webpage. For more information on the availability of this product in your country please reach out to your local GEA dealer.

[FIND DEALER \(/EN/DEALER-FINDER/DAIRY-FARMING.JSP\)](/EN/DEALER-FINDER/DAIRY-FARMING.JSP) >

