

Efficient Operations, Enriching Results



Flow Rate: up to 810 GPM
Pressure: up to 152 psi
Application: Seed & Mulch Slurry

Hydraulic Mulch Seeding is used for planting/hydro-seeding for erosion control & reclamation in a relatively large area in short span of time i.e. 3-4 weeks from date of application. Fiber mulch accelerates the growing process by maintaining moisture around the seeds thereby increasing the rate of germination. Also, These Hydro Mulchers can also be used to plant high-quality turfgrass in residential, commercial or sports grounds.

Hydro-Seeding Process

- The seed & mulch slurry is transported in tailor-mounted tanks of large capacities to spray slurry over the prepared ground. The hydro-mulcher tank is fitted with a twin set of stainless steel agitators to constantly mix the slurry to ensure consistency of seeds.
- A high-pressure progressive cavity pump is installed with the tank to provide a uniform spray of solid-laden seed slurry through either a permanently mounted hydrant or the two flexible hose with outlets on either side of the unit.
- Both agitators & pump are independently driven to increase pump life & to provide flexibility during operation.

Advantage of Roto Progressive Cavity Pump

- Provide uniform, metered & non-pulsating flow to high-pressure media.
- Non-Clogging can easily handle solids in suspension.
- Low internal velocity ensuring maximum seed integrity and minimizing seed damage.
- Reversible rotation capability to avoid any blockage.



High-Pressure RM Series Progressive Cavity Pump

Flow Rate: up to 150 m³/hr
Pressure: up to 48 bar

These heavy-duty pumps are designed for continuous or intermittent duty and are suitable to perform efficiently even for the most difficult fluid handling applications. These pumps are available in bare shaft and close coupled configurations. 6 and 8 stage pumps are also available in select sizes.