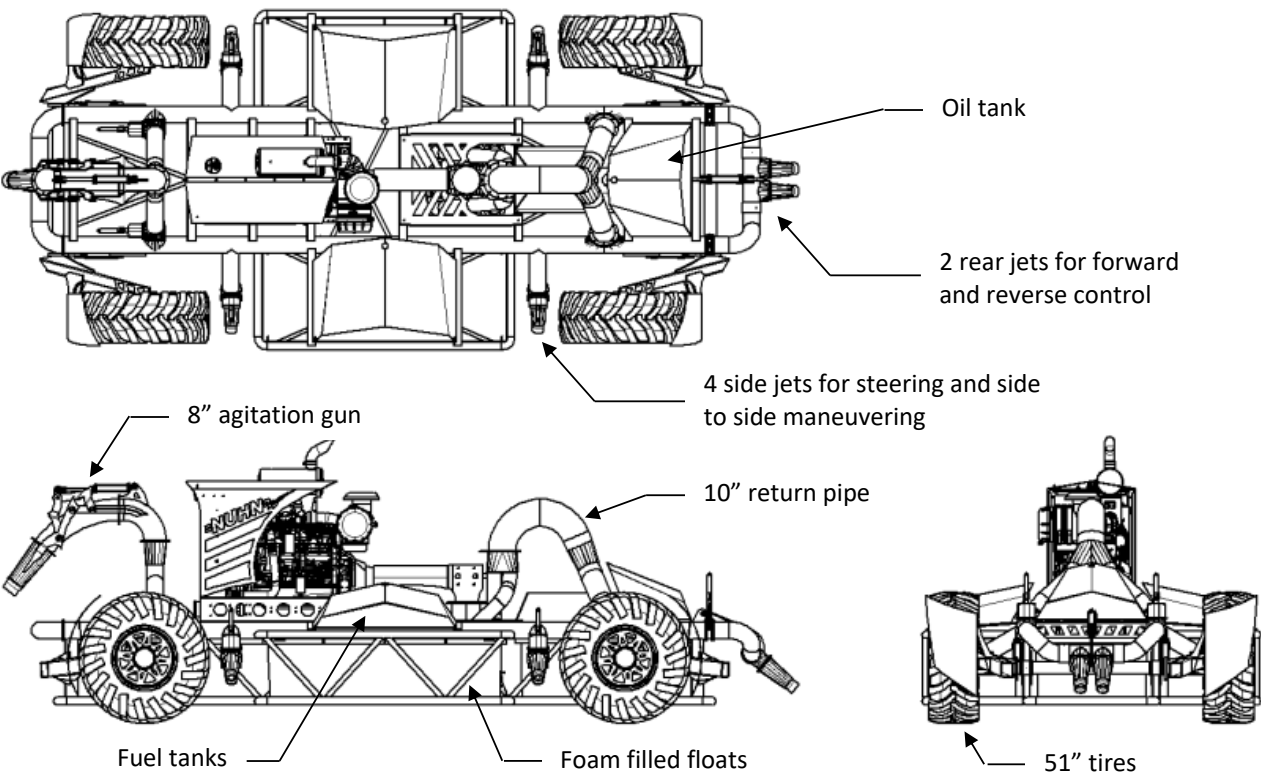


EXCEEDING INDUSTRY STANDARDS THROUGH SUPERIOR DESIGN



STRONGEST SEALING SOLUTION IN THE INDUSTRY



The **MECH-TC** sealing system, exclusive to the Nuhn Header Series pump line, utilizes a tungsten carbide mechanical seal to effectively protect the drive line and bearings. Tungsten carbide is extremely hard and wear resistant, which results in extended seal life in the harshest environments. The sealing system has been designed to withstand sand and other abrasive compounds.

The **MECH-TC** system is designed to withstand tremendous load with three bearings; 2 tapered bearings and one needle bearing. The system is encased in an oil bath for ease of maintenance.

TECHNICAL SPECIFICATIONS

Maximum Flow	10000GPM
Engine	Cummins
HP Output	275hp
Pipe Size	10"ID
Agitator Rotation	320°
Agitator Height Rotation	160°
Agitator Outlet Diameter	6"
Overall Width	10'5"
Spindle Size	3"
Tire Size	700/50 x 24R
Drive Shaft Diameter	4"OD
Drive Shaft Yoke Size	7170 series
Sealing System	Mechanical
Lubrication Style	Oil bath
Hydraulic Control	Wireless
Main Frame	8" x 8" x ¼"
Wear Materials	A/R400
Impellor Diameter	20.5"
Impellor Style	4 blade
Hydraulic Drive Legs	Standard



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A Family Business Since 1902



THERE IS NO LONGER A "TOUGH PIT"
AGGRESSIVE AGITATION
WHEN THE JOB IS DONE... SIMPLY DRIVE OUT



NO PRIMING REQUIRED
275HP DIESEL ENGINE
REMOTE CONTROL
10" HEADER PUMP



NUHN15000006892



**AGGRESSIVELY KEEPS SOLIDS IN
SUSPENSION WHICH INCREASES YOUR
MANURE'S NUTRIENT VALUE!**



POWERED BY A 10" HEADER PUMP

- Pump is submerged so no priming is required
- Header pumps are designed to pass the trash found in harsh manure pits

HIGH CAPACITY 8" AGITATOR

- High volume agitator to crush tough crusts
- Nozzle swivels up and down



4WD TO GET OUT OF THE TOUGHEST PITS

- Wheels drop down providing 51" of ground clearance
- 750ft-lbs of torque combined with aggressive tire tread allows the unit to climb steep, slippery lagoon slopes
- Large pull points to hook chains to aid in climbing excessively steep slopes
- Two-speed wheel motors
 - High torque mode for crawling out of pits
 - High speed mode for moving on ground

BENEFITS OF GOOD AGITATION

BENEFITS OF GOOD AGITATION

- Well-agitated manure is predictable. Its nutrient content can be spread consistently throughout the field
 - If the nutrient value of your manure is low, sometimes it costs more to apply than the return from the value of the manure
- Good agitation can increase 0.5% organic material in soil which also increases moisture retention
- Increased storage capacity in lagoons
- Removes sand build up in large lagoons

THE HEADER CONCEPT

Conventional centrifugal pumps only have one discharge on the housing. That means that for every rotation of the fan, the pump is wasting power by trapping manure and not allowing it to easily get out of the housing. By adding multiple outlets, the manure is able to get out of the housing faster, resulting in pumping greater volumes with less horsepower.

Nuhn Industries Ltd. specially designed a 10" quad port header pump for the crawler. The pump is designed to pass heavy trash found in the harshest lagoons. The 10" header pump is able to effectively build pressure and move high volumes which results in pit agitation never before experienced.



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