

Hydraulic Solutions

Progressive Farming & Forestry Hydraulic Equipment · Info Pack

Why Choose Hydraulic-Driven Pumps?

If you're weighing up hydraulic-driven pumps against PTO or petrol/diesel options, here's a quick side-by-side to help you decide what's right for your operation.

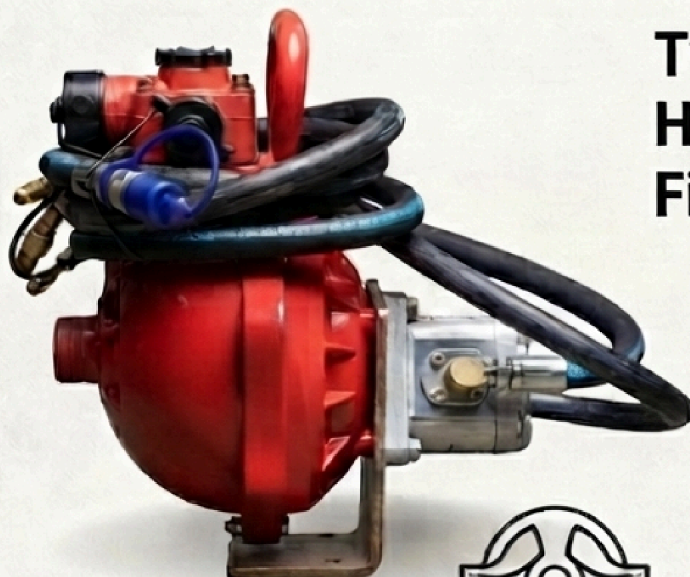
	Hydraulic-Driven	PTO-Driven	Petrol / Diesel
Positioning	Mount anywhere hoses reach — no need to be near the tractor	Fixed to tractor's PTO shaft position	Fully portable, but needs its own fuel supply
Safety	No exposed rotating shaft	PTO shaft is a common injury risk if guards fail	No shaft risk, but fuel/fire hazard
Running cost	Uses tractor's existing hydraulic system — no separate fuel	Uses tractor fuel directly	Needs separate petrol, regular refuelling
Maintenance	Fewer moving parts, no engine to service	Simple, but shaft/U-joints wear	Spark plugs, carburettor, more frequent servicing
Speed control	Fully variable, independent of engine RPM	Fixed to PTO speed (usually 540/1000 RPM)	Variable, but tied to engine throttle
Noise & fumes	Quiet, no extra emissions	Quiet	Noisy, fumes — an issue near livestock or homes
Best for	Continuous or heavy-duty pumping, irrigation, firefighting	Simple, budget setups with tractor nearby	Standalone use with no tractor/hydraulic source

Bottom line: Hydraulic-driven pumps win on flexibility and safety, cost less to run since they use power your tractor's already producing, and hold up better under continuous heavy-duty use.

What's Inside

The following pages cover our current range of hydraulic-driven pumps — from fire fighting to high-volume transfer, chemical handling, and sludge pumping. Each includes performance data and key specifications to help you find the right fit.

TWIN WIDE



OVERVIEW

Purpose-built for tackling bush, sugar cane, and timber fires with unmatched efficiency and reliability.

Designed with dual impellers, this pump delivers high flow rates, wide coverage, and powerful pressure.

An essential tool for fire safety in agricultural and forestry environments.

KEY FEATURES & BENEFITS

- **Dual-Impeller Design:** Delivers superior flow and pressure.
- **High Flow & Wide Coverage:** Ideal for large-scale
- **Agricultural & Forestry Optimized:** Robust construction for tough environments.
- **Hydraulic Efficiency:** Uses existing tractor hydraulics (45 L/min @ 180 bar)

Twin Wide Hydraulic Driven Fire Fighting Pump

PERFORMANCE DATA



40 L/min



@ 13 bar
(8mm nozzle)

290 L/min

(16mm nozzle)
(16mm nozzle)
(10mm nozzle)

@ 10 bar

(12mm nozzle)
(12mm nozzle)
(12mm nozzle)

400 L/min

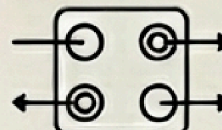
(12mm nozzle)

@ 12 bar

(12mm nozzle)

Max Volume:

550 L/min



EASY INTEGRATION

Foundation setting

Simple multi-port hydraulic connections.

Standard tractor hydraulic requirements: 45 L/min @ 180 bar

GMP 3-INCH CAST IRON PUMP

Hydraulic-Driven High-Volume Flow



OVERVIEW

A robust, high-volume, low-pressure solution designed for reliability. Built for:

- **Durability:** Heavy-duty cast iron construction for demanding environments.
- **Versatility:** Ideal for Agricultural, Industrial, Mining, and Construction.
- **Consistent Transfer:** Designed for consistent flow and efficiency.

KEY FEATURES & BENEFITS

- **3-Inch Cast Iron Pump:** Robust performance and long service life.
- **1000L/min Open Flow:** Exceptional volume for fast transfer.
- **Hydraulic-Driven Efficiency:** Uses tractor or machine hydraulics for power (57 L/min @ 150 bar)
- **Multi-Purpose:** Engineered for:
 - Water Transfer
 - Chemical Pumping
 - Dust Suppression

PERFORMANCE DATA



Flow Rate
(Max):



1000 L/min
@ Open Flow

Size:

3-Inch

Output:

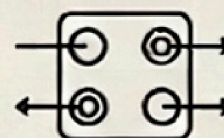
High-Volume,
Low-Pressure

Drive:

Hydraulic-
Driven System

Material:

Cast Iron



EASY INTEGRATION

Simple two-port hydraulic connections.

Use standard machine hydraulics (e.g., 57 L/min @ 150 bar).



Single-Stage Hydraulic Driven Fire Fighting Pump

OVERVIEW

Progressive Farming and Forestry Hydraulic Equipment.

A compact, high-performance solution designed for:

- Bush Firefighting
- Sugar Cane Protection
- Fire Breaks
- High-Pressure Cleaning

KEY FEATURES & BENEFITS

- **Powerful Reach:** Deliver reliable water where it matters.
- **Compact & Portable:** Perfect for rapid deployment.
- **Hydraulic Efficiency:** Uses existing tractor hydraulics (40 L/min @ 175 bar).
- **Robust Construction:** Built for demanding environments.

PERFORMANCE DATA



30 L/min



@ 12 bar
(4mm nozzle)

240 L/min
(12mm nozzle)

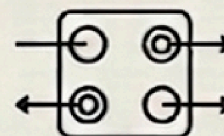
@ 6 bar
(12mm nozzle)

325 L/min
(16mm nozzle)

@ 4 bar
(16mm nozzle)

Max Flow: 550 L/min

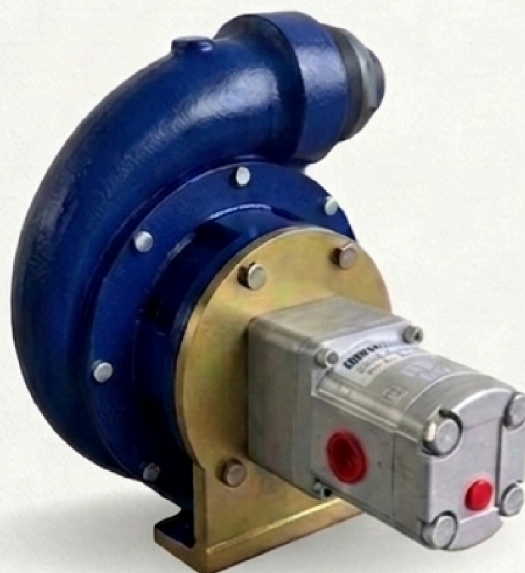
Max Reach: Up to 37m water jet



EASY INTEGRATION

Simple two-port hydraulic connections.

Standard tractor hydraulic requirements: 40 L/min @ 175 bar.



BB Multi-Purpose Pump

OVERVIEW

Progressive Farming & Forestry Water and Chemical Transfer.

A rugged, cast iron, single-impeller design for:

- Agriculture & Forestry
- Firefighting
- Irrigation
- Industrial Applications.

KEY FEATURES & BENEFITS

- **Rugged Construction:** Durable cast iron housing
- **Progressive Hydraulic-Driven Efficiency:** Single impeller for reliable operation
- **Multi-Application:** Ideal for water & chemicals
- **Engineered for Forestry:** Enhanced sealing for demanding conditions.

PERFORMANCE DATA



50 L/min



@ 12 bar
(4mm nozzle)

350 L/min
(18mm nozzle)

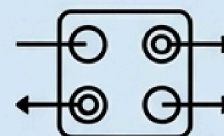
@ 11 bar
(12mm nozzle)

650 L/min
(18mm nozzle)

@ 7 bar
(18mm nozzle)

Max Free
Flow:

800 L/min



EASY INTEGRATION

Simple, two-port hydraulic connections.

Use standard tractor hydraulics: 60 L/min @ 175 bar.

HYDRAULIC-DRIVEN CHEMICAL PUMP

SAFE, EFFICIENT, & RELIABLE TRANSFER



OVERVIEW

Progressive Chemical and Industrial Hydraulic Equipment.

A compact, **lightweight, hydraulic-driven** design for handling corrosive fluids with confidence in Agricultural and Industrial applications.

KEY FEATURES & BENEFITS

- **Corrosion Resistance:** PA66 plastic impeller ensures durability when pumping harsh chemicals.
- **Compact & Lightweight:** Only 3.5 kg – easy to transport and mount anywhere.
- **Reliable Performance:** Carbon-ceramic body section with PA66 impeller is resistant to erosion.

Material: Carbon-ceramic body with PA66 impeller (erosion-resistant)

SPECIFICATIONS



Weight:

Only 3.5 kg

Speed:

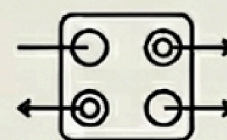
3600 rpm
working speed

Suction Lift:

8 m

Drive:

Hydraulic
motor
system



EASY INTEGRATION

Simple two-port hydraulic connections.

Use standard machine hydraulics (e.g., 35 L/min @ 175 bar).

HYDRAULIC DRIVE SLUDGE PUMP



THICK FLUID & CHEMICAL TRANSFER

OVERVIEW

Progressive Thick Fluid and Chemical Hydraulic Transfer.

A robust and efficient design built for moving liquids heavier than water in:

- Agricultural
- Industrial
- Environmental Applications

KEY FEATURES & BENEFITS

- **Built for Sludge & Thick Fluids:** Engineered to handle liquids with high viscosity.
- **Reliable Performance:** Continuous transfer with consistent flow.
- **Compact & Portable:** Easy to move and mount.
- **Hydraulic Efficiency:** Uses existing hydraulic systems.

PERFORMANCE DATA



Flow Rate:



Pressure
Output:

1300 L/min
(transfer)

100 L/min
@ 2.6 bar

Hydraulic
Requirements:

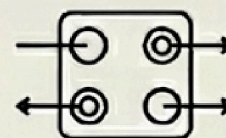
20-25 L/min

Suction Head:

5 m

Hydraulic
Motor Speed:

4,500 rpm



EASY INTEGRATION

Simple, two-port hydraulic connections.

Use standard machine hydraulics (20-25 L/min).

Ready to Move Forward?

Reply to our email, give us a call, or visit our website to get your quote finalised or ask any questions about our range.

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