



BB Multi-Purpose Pump

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

OVERVIEW

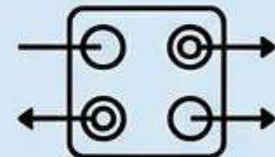
Progressive Farming & Forestry Water and Chemical Transfer.

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.



EASY INTEGRATION

Simple, two-port hydraulic connections.

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



HYDRAULIC-DRIVEN CHEMICAL PUMP

SAFE, EFFICIENT, & RELIABLE TRANSFER

HYDRAULIC SOLUTIONS



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

SPECIFICATIONS



Weight:

Only 3.5 kg

Speed:

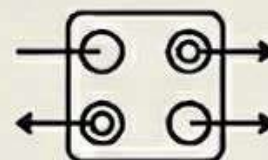
3600 rpm
working speed

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).

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.

HYDRAULIC DRIVE SLUDGE PUMP

HYDRAULIC
SOLUTIONS



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:

1300 L/min
(transfer)

Pressure
Output:

100 L/min
@ 2.6 bar

Hydraulic
Requirements:

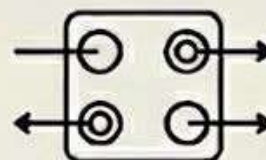
20-25 L/min

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).

HYDRAULIC DRIVEN DIAPHRAGM PUMP

HYDRAULIC
SOLUTIONS 



OVERVIEW

Progressive Precision Hydraulic Equipment.

A compact, lightweight, and reliable design for safe handling of corrosive liquids. Perfect for Field and Agricultural applications.

KEY FEATURES & BENEFITS

- **Precision Spraying:** Ensures consistent performance in the field.
- **Safe Handling:** Durable, resistant to chemical erosion.
- **Easy to Operate:** Lightweight.
- **Easy to Operate:** Simple hydraulic drive for direct connection.
- **Rugged Construction:** Built to withstand demanding agricultural environments.

SINGLE & MULTI-STAGE DRIVEN PUMPS FOR SPECIALIZED FLUID TRANSFER

SPECIFICATIONS



Pump Type:

Diaphragm
chemical pump

Drive:

Hydraulic system
(connects to
tractor hydraulics)

Weight:

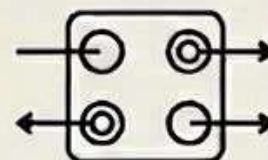
**Compact &
Lightweight**

Compatibility:

Ideal for tractors
with standard flow
rates (e.g., 35 L/).

Speed (Max):

**Standard
working speed**



EASY INTEGRATION

Simple two-port hydraulic
connections.

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



Powerful Cleaning.

Hydraulic Performance.



HYDRAULIC DRIVEN PRESSURE WASHER PUMP

PERFORMANCE DATA



Pressure
Washer
Washer
Specs:

15 L/min
@ 206 bar

Hydraulic
Requirements:

30 L/min
@ 175 bar

Max
Pressure:

206 bar

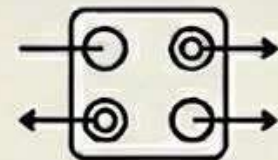
OVERVIEW

Progressive Industrial & Agricultural Hydraulic Pressure Washing.

A compact, high-performance solution designed for powerful cleaning. Connects directly to any tractor hydraulic system for demanding tasks.

KEY FEATURES & BENEFITS

- **Powerful Cleaning:** Consistent high-pressure water flow for agricultural and industrial environments.
- **Hydraulic-Driven Efficiency:** Uses existing tractor hydraulics (30 L/min @ 175 bar).
- **Compact & Portable:** Built for reliability and ease of use in the field.
- **Robust Construction:** Durable components for demanding firefighting and field cleaning.



EASY INTEGRATION

Simple, two-port hydraulic connections.

Use standard machine hydraulics (30 L/min).

PROFESSIONAL BRASS NOZZLES

PRECISION SPRAY & DISTANCE CONTROL

HYDRAULIC SOLUTIONS



FEATURES & BENEFITS

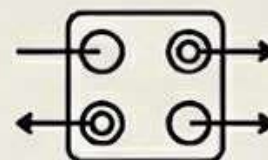
These professional-grade nozzles are designed for easy use and exceptional performance:

- **Easy Use:** Intuitive handles for control.
- **Maximum Performance:** Achieve maximum spray or distance.
- **Maximum Performance:** Achieve maximum spray or distance.
- **Anti-Blockage Design:** Easily cleaned when opened to the large spray.
- **Durable Construction:** Made to last in tough conditions!

PERFORMANCE DATA



Test Pressure	Nozzle Size	Equiv. Size	Liters/minute
6 bar	1/2 inch	5.5 mm	0-50 Liters
6 bar	1/2 inch	5.5 mm	0-50 Liters
6 bar	3/4 inch	7.0 mm	0-75 Liters
6 bar	1 inch	8.0 mm	0-117 Liters
6 bar	1 inch (with 3/4 hose)	8.0 mm	0-117 Liters
6 bar	1 inch (with 40mm hose)	9.0 mm	0-130 Liters



EASY INTEGRATION

Simple connection options for varying hose sizes.

PROFESSIONAL SPRAY GUN

HYDRAULIC
SOLUTIONS



PRECISION FLOW & BRANCH PIPE SOLUTIONS



SPECIFICATIONS



Category:
Fire Fighting
Accessories

Water or
Foam Flow

Function:

STD BS336
Instantaneous

**Connector
Type:
Design:**

Branch pipe
for fire hose
systems

**Compatible
With:**

BS336
Instantaneous
Connector

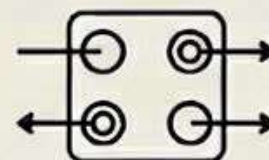
OVERVIEW

Progressive Industrial Firefighting Equipment.

A vital firefighting accessory designed for precision and reliability in critical operations.

KEY FEATURES & BENEFITS

- **Precision Flow Control:** Regulate flow precisely.
- **Durable Construction:** Long service life in demanding environments.
- **Seamless Compatibility:** Connects with BS336 couplings.
- **Operational Efficiency:** Enabling quick deployment.
- **Versatility:** For various applications including industrial.



EASY INTEGRATION

Simple instantaneous connection to fire hoses.

Connects easily with BS336 standard instantaneous couplings.

REELFLEX SEMI-RIGID HOSE



OVERVIEW

Progressive Farming, Forestry, and Industrial Firefighting Equipment. A durable, semi-rigid hose designed for reliability in demanding environments. Ideal for:

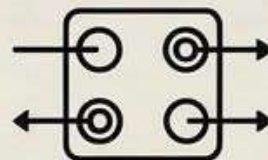
- Firefighting
- Construction
- Agriculture
- Industrial Applications

KEY FEATURES & BENEFITS

- **Built to Last:** High-tenacity filament polyester jacket with nylon helical interior reinforcement.
- **Excellent Lining:** EPDM tube resists heat, chemicals, and wear.
- **Reliable Performance:** High strength-to-weight ratio.
- **Convenient Design:** Lightweight, compact, and easy to deploy from the reel.

SPECIFICATIONS

 Lining:	 EPDM tube (resistant to heat, chemicals, wear)
Jacket:	100% virgin high-tenacity filament polyester single jacket, nylon helical inner reinforcement
	Exceptional reinforcement
Category:	Fire Fighting Accessories
Burst Pressure (Min):	Standard working and burst pressures apply
Performance:	Exceptional flexibility and flow rate



EASY INTEGRATION

Simple two-port hydraulic connections.

ROVATTI MULTI-STAGE HYDRAULIC PUMP



HYDRAULIC FIRE SOLUTIONS

OVERVIEW

Engineered for large-scale firefighting and high-volume water transfer.

A robust, three-stage design for:

- Timber Yard Fires
- Sugar Cane Field Protection
- Industrial Cleaning

KEY FEATURES & BENEFITS

- **Superior Pressure & Flow:** Perfect for demanding applications.
- **Three-Stage Design:** Maximizes efficiency and reliability.
- **Robust Construction:** Built for tough industrial environments.
- **Hydraulic-Driven Efficiency:** Uses existing tractor hydraulics (57 L/min @ 150 bar).

PERFORMANCE DATA



Flow Rate:

@ 7.5 bar
(minimum)

**Hydraulic
Flow:**

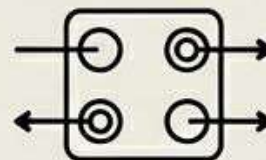
57 L/min
@ 150 bar

**Hydraulic
Compatibility:**

Ideal for tractors
with oil flows of
60–100 L/min.

**Safe Operating
Pressure:**

Do not exceed
15 bar (prevents
hose damage).



EASY INTEGRATION

Simple two-port hydraulic connections.

Standard hydraulic requirements: 57 L/min @ 150 bar.



Single-Stage Hydraulic Driven Fire Fighting Pump

PERFORMANCE DATA



30 L/min



@ 12 bar
(4mm nozzle)

240 L/min
(12mm nozzle)

@ 6 bar
(12mm nozzle)

325 L/min
(16mm nozzle)

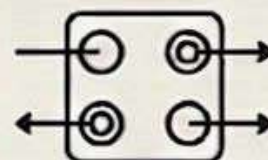
@ 4 bar
(16mm nozzle)

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.

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.

TRACTOR TRAILER HYDRAULIC BRAKE VALVE: SABS 1447 COMPLIANT



PRODUCT OVERVIEW & BENEFITS

- **Graduated & Progressive Control:** This modulating valve saves trailer brakes and tyres because it works progressively.
- Progressive control (graduated braking) without taking hands off the steering wheel!
- The valve gives priority to trailer brakes, protecting tractor brakes from over use.

**Trailer brakes should always be well maintained to ensure efficiency!*

KEY FEATURES & TECHNICAL SPECIFICATIONS

- **Independent Operation:** Provides full progressive control. Works in tandem with tractor brakes but independently.
- **Tractor-Only Mode:** Single wheel brakes of tractor can be operated without the trailer braking at the same time.
- **Multi-Cylinder Support:** Operates with any number of brake cylinders (single, dual, etc.).
- **Integration:** Easy installation and seamless integration into the tractor's hydraulic system.
- **SABS 1447 Compliance:** Ensures safety and quality standards are met.
- **Operating Pressure Range:** 0 to 10.1 MPa.
- **Maximum Pressure Limit:** Externally adjustable to match specific trailer requirements.

TECHNICAL SPECS SUMMARY

Operating Pressure >3BS 1447

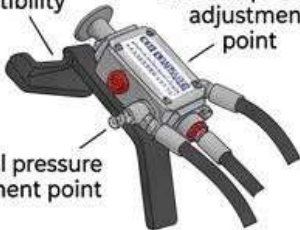
Operating Pressure Range: 0 to 10.1 MPa.

Maximum Pressure Limit: Externally adjustable to match specific trailer requirements.

Multi-cylinder compatibility

External pressure adjustment point

External pressure adjustment point



GET A QUOTE

info@mw.kmhydraulic.co.zu

FIND A DISTRIBUTOR

www.kmhydraulic.com

TWIN WIDE

HYDRAULIC FIRE SOLUTIONS



Twin Wide Hydraulic Driven Fire Fighting Pump

PERFORMANCE DATA



40 L/min

@ 13 bar
(8mm nozzle)

290 L/min
(16mm nozzle)
(10mm nozzle)
(10mm nozzle)

@ 10 bar
(12mm nozzle)
(10mm nozzle)
(12mm nozzle)

400 L/min
(12mm nozzle)

@ 12 bar
(12mm nozzle)

Max Volume:

550 L/min

OVERVIEW

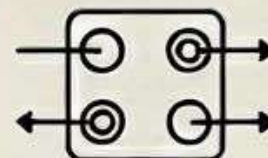
Purpose-built for tackling bush, sugar cane, and timber fires with unmatched efficiency and reliability.

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)



EASY INTEGRATION

formation testing

Simple multi-port hydraulic connections.

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

Visit us online: www.kmhydraulics.co.za

PH: 1-800-TWINWIDE