

# KM Hydraulic Solutions

[www.kmhydraulics.co.za](http://www.kmhydraulics.co.za)  
P.O.Box 644  
Greytown 3250  
E : saleskmh@gmail.com  
kmh@futuregtn.co.za  
C : 082 336 9546 (Michael)  
082 568 4437  
T/Fax : 033 417 1129

## HYDRAULIC DRIVE WATER PUMPS

**No PTO shaft** that might cause an accident or break when fighting fire !

**No petrol engine** that might not start or might disappear in the off season!

**No petrol** taken to the fire!

Just couple hydraulic hoses to tractor hydraulics and shift lever to operate!

The unit **can be mounted anywhere**, because hydraulic hoses allow it!

The hydraulic drive unit has **proved to be very reliable!**



## PERFORMANCE

### One stage narrow pump:

30 l/min @ 12 bars using 4mm nozzle  
240 l/min @ 6 bars using 12mm nozzle  
325 l/min @ 4 bars using 16mm nozzle  
550 l/min max vol.

Tractor hydraulics producing 27 l/min @ 180 bars  
( minimum req. 22 l/min @ 150 bars )

Low flow hydraulic motors for some MF tractor models optional

### One stage wide D pump:

160 l/min @ 6 bars, 380 l/min @ 5 bars, 880 l/min max vol  
Tractor hydraulics producing 35 l/min @ 180 bars  
( minimum req. 30 l/min @ 150 bars )

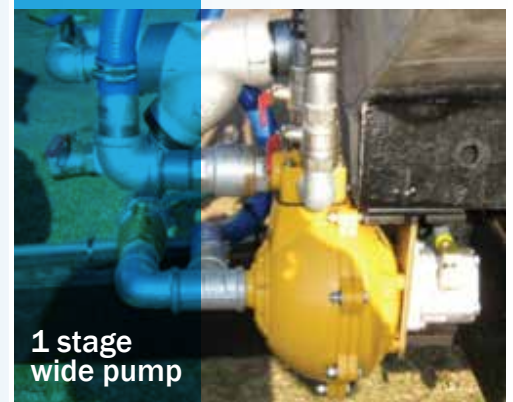
### Two stage standard pump:

42 l/min @ 13.5 bars, 250 l/min @ 7 bars, 350 l/min max vol  
Tractor hydraulics producing 35 l/min @ 180 bars  
( minimum req. 30 l/min @ 150 bars )

### Two stage wide pump:

40 l/min @ 13 bars using 6mm nozzle  
290 l/min @ 10 bars using 12mm nozzle  
400 l/min @ 6 bars using 16mm nozzle  
550 l/min max vol.

Tractor hydraulics producing 35 l/min @ 180 bars  
( minimum req. 30 l/min @ 150 bars.)



## 1 STAGE PUMP



## 2 STAGE PUMP



## HYDRAULIC DRIVE CHEMICAL PUMP



GMP 3" CAST IRON CHEMICAL PUMP

PERFORMANCE  
 1000 l/min at transfer  
 100 l/min at 2.5 bar

## PROGRESSIVE HYDRAULIC TRAILER BRAKE VALVE KITS

\*for almost all tractors

*SABS 1447 REQUIREMENT*

PROGRESSIVE CONTROL (GRADUATED BRAKING)

WITHOUT TAKING HANDS OFF THE STEERING WHEEL !

- Saves trailer tyres because it does not only work "FULL ON" or "OFF"
- Gives priority to trailer brakes to protect tractor brakes from "over use".
- Modulating brake valve gives full progressive control and works off the tractor brakes.
- Single wheel brakes of tractor can be operated without the trailer braking at the same time.
- Operates with any number of brake cylinders with virtually no lag.
- Easy installation.
- Maximum trailer brake pressure limit adjustable externally.

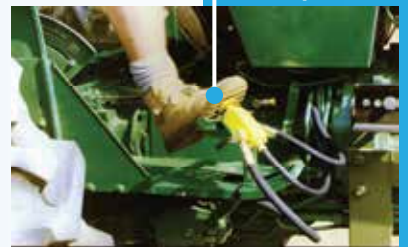
N.B.: *Trailer brakes should always be well maintained to ensure efficiency!*

	Single Stage	Twin Stage
<b>Used for</b>	Bush and grass fires, fire breaks	Larger Fires, sugar cane fires, timber yard, bush fires
<b>Hydraulic oil flow pressure required</b>	Min 25l/min of hydraulic oil flow	Min 30l/min of hydraulic oil flow
<b>Performance</b>	250l/min at 6 bar with 12 mm nozzle	400l/min at 6 bar with 16mm nozzle
<b>Reach</b>	35m	45m

Bell Tractor  
air operated



Open Tractor  
foot operated



Cab Tractor  
hydraulic operated



Progressive Farming and Forestry Hydraulic Equipment

# KM Hydraulic Solutions