

DMFB



DMFB VBR

Office area
1,200
sqm

A blue wall section features the DMFB VBR logo and a small screen showing the back of a person's head. Text below the screen indicates an office area of 1,200 sqm.

DMFB GROUP

PRODUCT LINES

| DMFB | DMFB | DMFB | DMFB |
|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| <ul style="list-style-type: none">... | <ul style="list-style-type: none">... | <ul style="list-style-type: none">... | <ul style="list-style-type: none">... |

VBR

- ...

DMFB VBR

A white display stand with a blue top edge holds several motor and actuator components. A DMFB VBR logo is on the front of the stand.

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DMFB

VBR
HYDRAULICS

SCAN INFO



DLG-Mixie-Point

- Special
- Agriculture
- Material handling
- Industrial vehicles
- Construction
- Customized manifolds
- Proportional cartridges in SAE cavity
- Parts in body valves

NL12-VX12



VBR

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VBR



Hydraulic solutions for **Timber, harvester and forest cranes**

HDS Bentaxis piston pump with ASAE shaft



Displacement: up to 130 cc
Working pressure:
(Continuous)
(Intermittent)

Proportional Directional Valve PDV74 with cloche control



Pump flow 260 l/min
A/B work port flow up to 100 l/min
Max working pressure 350 bar
Electric reference signal: 0-10V, 4-20mA, CAN, PWM

Multibox unit male ASAE input



Available ratio:
1:1 at 85 Kw
2:1 at 85 Kw
3:1 at 85 Kw

PPV LS variable displacement pump



Displacement:
Working pressure:
375 bar (Continuous)
400 bar (Intermittent)
Max speed:





HYDRAULICS

OMFB
EASY
Hydraulic Power Unit
Capacity:
20 l
Adjustable cap
NEW



DMFB
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HYDRAULICS



Solutions for Boom mowers/cutting heads

Double gear pump GPM SAE B series
with common inlet



Max speed up to 3500 rpm
Max pressure up to 230 bar
Max displacement up to 51 cc

GE motor GR3 with
rotation valves

Max speed
Max pressure
Max displacement

Splitter box unit
male ASAE input and 2 output

GMI gear motor with flow regulator
and antistock valve



DMFB®

VBR
HYDRAULICS

DMFB

VBR HYDRAULICS

DMFB GR

PRODUCT LINES

DMFB
HYDRAULIC COMPONENTS

DMFB
HYDRAULIC POWER CONTROL

DMFB
HYDRAULIC POWER CONTROL

- Multiplying oil tanks
- Tank mounting oil tanks
- Rear section oil tanks
- Center body oil tanks
- Combined tanks
- Original tank foot tracks
- Developed tank tanks
- Accessories



Solutions for Telehandler

Directional gear pump GPM 540 & series with common label - G43 & G47

Proportional directional valve PDV 75 Easy to fit mounted with any third PDM valve

Easy grip joystick with proportional valve valve series SAM 200

100 - Megaforce/force linear solenoid

70 - Draw wire sensor & multiport



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VBR HYDRAULICS





Position sensors for Mobile hydraulic machines

| 7A - Inclinator Sensor | 7B - Rotary Sensor | 7M - Magnetostrictive Linear Sensor | 7D - Draw wire Sensor (Inclinator) | 7T - 700 switch Sensor |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Measuring range: 0° - 180° / 0° - 360° double axis Resolution: up to 0.01° Output: Analogue and CANOpen Redundant version |  Measuring range: 0 - 360° Resolution: up to 10 bit Output: Analogue, PWM, CANOpen Hart effect, counterless technology |  Measuring range: 0 - 4,000 mm Resolution: 0.1 mm Output: Analogue and CANOpen Easy installation inside hydraulic cylinders |  Measuring range up to 5,000 mm / 0 - 360° Resolution: 0.1 mm / 0.1° Hart effect, counterless technology Output: Analogue and CANOpen Redundant version |  Measuring range: 0° - 180° / 0° - 360° double axis Resolution: up to 0.01° Output: Relay or NPN/PNP up to 6 outputs Double channel system |





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Solutions for Boom mowers/cutting heads



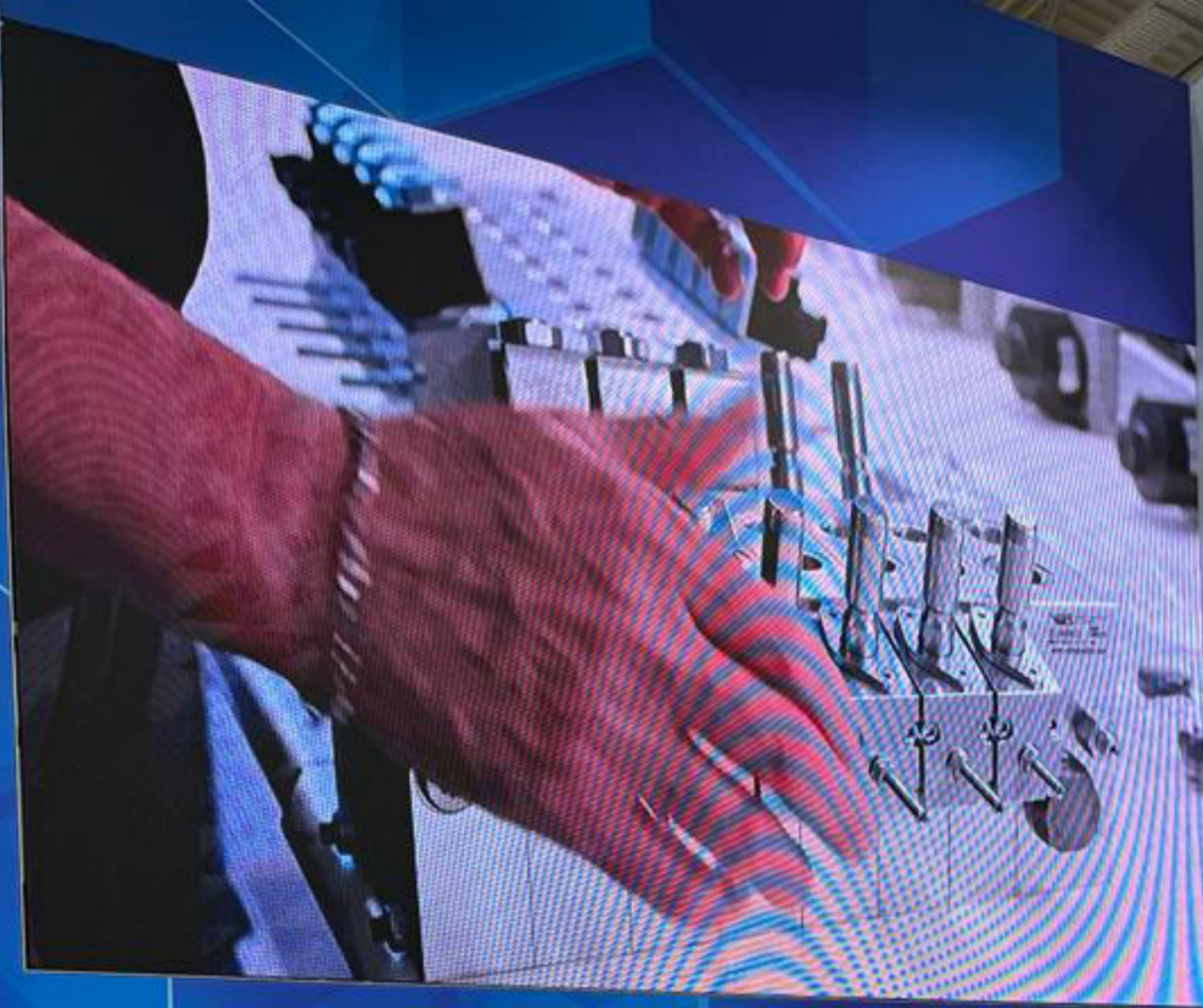
OMFB

SLT
Flow: 27 l/min
Pressure: 250 bar
Capacity: 1000 l/min
Mounting: ISO 4411-1
Special applications: Logging and forestry

www.omfb.com



OMFB
VBR
HYDRAULICS



OMFB
HYDRAULIC COMPONENTS

- Power take off's
- Constant displacement piston pumps
- Variable displacement piston pumps PPV series
- Gear pumps
- Hydraulic wet kits
- Tipping valves
- Mechanic and pneumatic controls
- DC/AC power units
- Hand pumps
- Quill-shafts
- Fittings and quick release couplings
- Winches
- Control valves
- Oil tanks with tipping valves
- Heat exchangers

VERTICAL

Adjustable flow

NEW



Headquarters:



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www.omfb.com

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
ISO 9001:2015

Member of OMFB group



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DMFB



Position sensors for Mobile hydraulic machines

FM - Inclinometer Sensor



Measuring range: $\pm 1^\circ$... $\pm 90^\circ$ double axis
 $\pm 0.001^\circ$ single axis
Resolution up to 0.01°
Output: Analog and CANopen
Redundant sensor

FB - Rotary Sensor



Measuring range: 0-360°
Resolution up to 14 bit
Output: Analog and CANopen
Redundant sensor

FM - Magnetostrictive Linear Sensor



Measuring range: 0 ... 4000 mm
Resolution: 0.1 mm
Output: Analog and CANopen
Easy installation inside hydraulic cylinders

FD - Draw wire Sensor + inclinometer



Measuring range: up to 0-3000 mm / 0-90°
Resolution: 0.1 mm / 0.1°
Redundant sensor

FT - Tilt switch Sensor



Measuring range: $\pm 1^\circ$... $\pm 90^\circ$ double axis
 $\pm 0.001^\circ$ single axis
Resolution up to 0.01°
Output: Relay or NPN/PLC (up to 8 outputs)
Double channel option



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MULTIBOX



Power: up to 120 kW
Ratio available:
1:1, 1:1.5, 1:2.5, 1:3.2
Speed: up to 1800 RPM
Shafts: ISO, ASAE M, ASAE P

PPV PISTON PUMP



Size available:
65-80-110 e 130 inches
Pressure: up to 600 bar
Mounting flanges &
axle available:
ISO 7653 with ISO 5049 shaft,
SAE-C with SAE-D VET shaft
Tight shaft option available
Controls available: LS, PL,
PE and PP

PPV DIRECTIONAL CONTROL VALVE



Pressure: up to 375 bar
Flow rate:
Pump with inner packer:
180 l/min
Max inlet section: 200 mm
Mounting method: 130 mm

JOYSTICK PEJS/PEJD



Works with:
OMFB series PE, JPE, JPD

OMFB
VBR
HYDRAULICS

OMFB VBR

OMFB VBR HYDRAULICS

OMFB VBR

OMFB

Product description and technical specifications.

OMFB

Product description and technical specifications.

Employee



VBR
HYDRAULICS

VL12 - VX12



Max flow 30 l/min
- Without fuel compressor (VL12)
- With fuel compressor (VX12)

VL14 - VP14



Max flow 90 l/min
- Without fuel compressor (VL14)
- With fuel compressor (VP14)

VD12 - VB12



Max flow 50 l/min
Various inlet cover options available
- With or without level

VL20 - VP20



Max flow 200 l/min
- Without fuel compressor (VL20)
- With fuel compressor (VP20)



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VBR

HYDRAULICS

SCAN INFO



DLG-Mixie-Point

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VL12 - VX12



VBR

ITALIAN HYDRAULIC TECHNOLOGY



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ITALIAN HYDRAULIC TECHNOLOGY



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