



SOLUTIONS FOR SPREADERS

ELECTRICAL AND HYDRAULIC EXPERTISE
FOR YOUR INNOVATIONS



SHARING OUR EXPERIENCE WITH YOU

ADVICE

Definition
of
requirements

Specifications
drafting

Solution
design

Prototyping

Tests

Adjustment

VALIDATION

DELIVERY

Delivery
Documentation

Production
launch

ASSISTANCE
by HYDROKIT

When you have a new development idea for a machine, you have a lot of questions in mind: What do I want to do with my equipment and how can I achieve it? What functionality should I implement to manage this? How can I be sure of the consistency between the electrical and hydraulic aspects? Who are the best solution providers on the market?

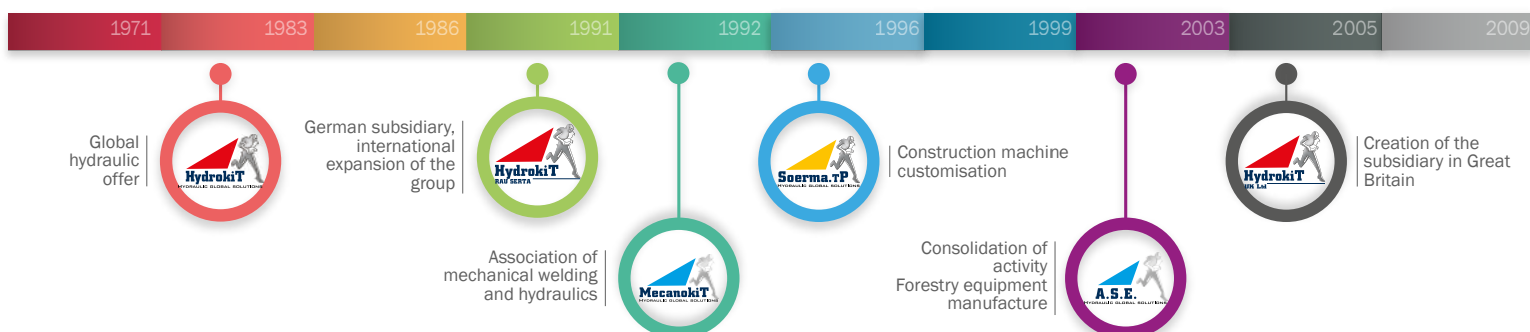
Electro-hydraulic development requires high-tech skill and the right methodology. By mastering the whole chain, from studying your requirements to delivery, Hydrokit designs you electro-hydraulic solution, supported by your specifications. You need a single contact and a single supplier.

Free yourself from the constraints of developing the whole electric and hydraulic system.

We guarantee you an adapted response to your company's requirements and the assistance you need to get your machine working to its full potential.

BY YOUR SIDE FOR 35 YEARS

For 35 years, Hydrokit has been providing the hydraulic and electrical parts you need to produce your solution or a complete pre-mounted solution.



FUNCTION CONTROL SOLUTIONS

RELIABLE, TRIED AND TESTED SYSTEMS

→ Dedicated control boxes for your spreaders



- Simple and robust unit
- Possibility of controlling gate and floor and up to 3 extra auxiliaries
- The solution when the equipment is shared between several users

The new reference



- Easy-grip and waterproof unit
- Possibility of controlling gate and floor, and up to 2 extra auxiliaries
- Possibility of managing one forward movement sensor, one speed sensor on the motor, gate limit sensors and pressure sensors
- The solution for lowest cost DPA (flow rate adjustment depending on forward speed)

→ Tailor-made hydraulic systems

Our solutions integrate all the components your spreader needs to operate.
Tell us what you need!

Hydraulic distribution units



- DR65 50 lpm unit



- LS 80 lpm unit with integrated filter



- PVG and CETOP LS hybrid unit up to 130 lpm

Orbital motors

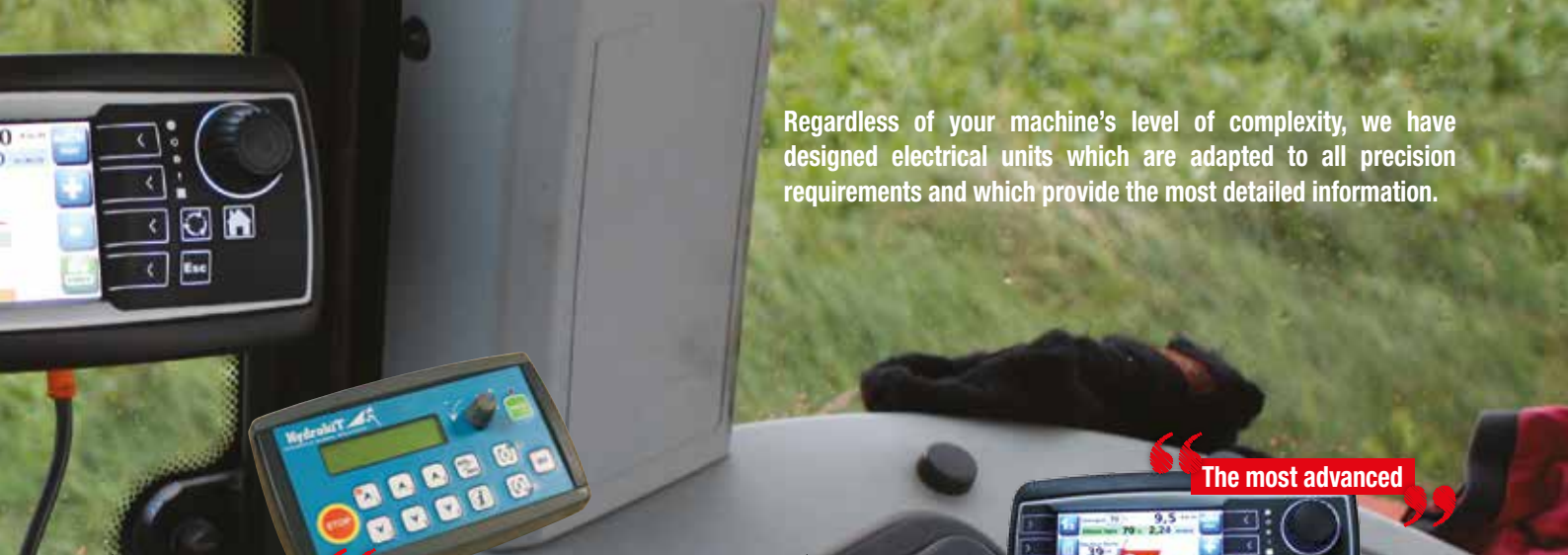


- OMR type motors, 160 to 200 cc, with or without speed sensor



- OMS dual displacement type motors, 65 to 130 cc, with dual capacity pilot operation

Regardless of your machine's level of complexity, we have designed electrical units which are adapted to all precision requirements and which provide the most detailed information.

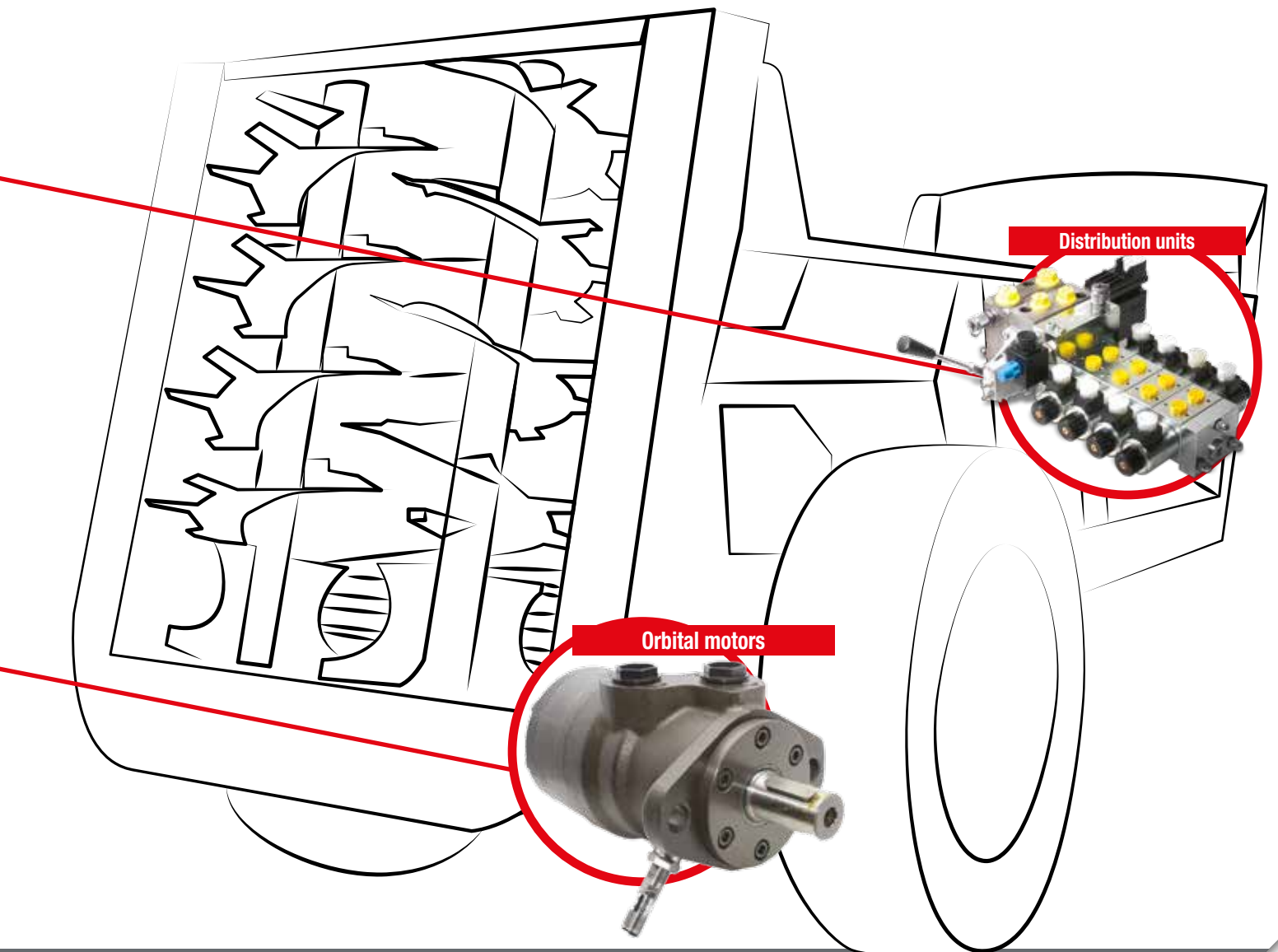


The best-seller

- Complete unit
- Possibility of controlling gate and floor and up to 2 extra auxiliaries
- Possibility of managing one forward movement sensor, one speed sensor on the motor, door limit sensors and pressure and weighing sensors
- The solution for customers who are searching for precision

The most advanced

- The most advanced unit
- Tonnage / hectare dose management
- Possibility of controlling gate and floor and up to 3 extra auxiliaries
- Possibility of managing one forward movement sensor, one speed sensor on the motor, door limit sensors plus pressure and weighing sensors
- The solution for customers demanding the highest specification



Contact us!

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FUNCTION CONTROL SOLUTIONS

RELIABLE, TRIED AND TESTED SYSTEMS

→ Standard Solutions

Adopt Hydrokit's «ready to fit» solutions!

These kits, which are studied and tested on your machines, adapt to most requirements for your equipment. You choose, we deliver!

WITH MOTORISED FLOW DIVIDER	WITH PROPORTIONAL FLOW DIVIDER		
			
<p>12V motorised flow divider Flow regulated from 1 to 50 lpm Max flow in P 65 lpm</p>	<p>12V PWM proportional flow regulation cartridge unit Flow regulated from 0 to 50 lpm Max flow on input 90 lpm Requires 10 micron filtration</p>	<p>12V PWM proportional flow regulation cartridge unit Flow regulated from 0 to 90 lpm Max flow on input 150 lpm Requires 10 micron filtration</p>	<p>12V PWM proportional flow regulation cartridge unit Flow regulated from 0 to 50 lpm Max flow on input 90 lpm Requires 10 micron filtration</p>
			
<p>2 control boxes: > with simple flow regulation > with flow cancellation switch</p>	<p>2 control boxes: > with simple flow regulation > with flow cancellation switch</p>	<p>Control box with simple flow regulation</p>	<p>Control box with: > On / off buttons > Floor start > Floor speed adjustment by + / - buttons > 1 modifiable memory > Optional DPA possibility</p>
<p>Divider kit and control box with simple regulation: DD6550K12B</p> <p>Divider kit and control box with flow cancellation switch: DD6550K12C</p>	<p>Divider kit and control box with simple regulation: DDP90501H2</p> <p>Divider kit and control box with flow cancellation switch: DDP90501H3</p>	<p>Divider kit and control box with simple regulation: DDPA5901H1</p>	<p>DHR2EPANDDPA1</p>

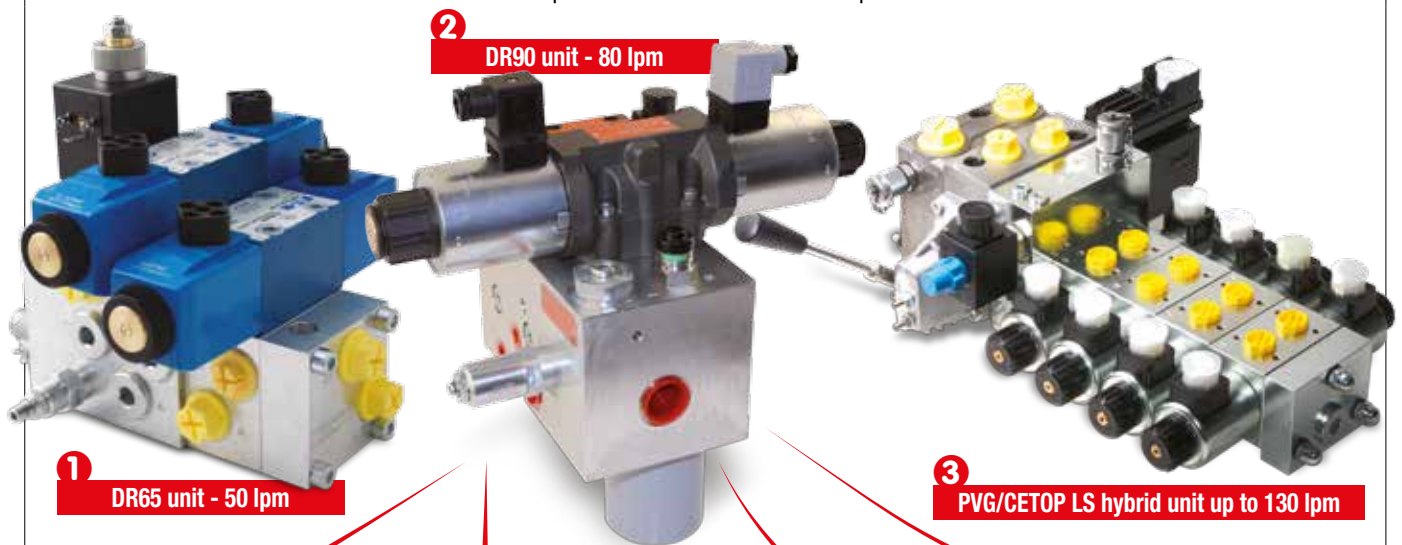
Accessories for flow control kits

DESCRIPTION	REFERENCE
Pressure filter 60 lpm 10µm	FPL06010AB
Pressure filter 80 lpm 10µm	FPL08010AB
Pressure filter 120 lpm 10µm	FPL12010AB



WITH DR65 OR DR90 OR PVG HYDRAULIC VALVE BLOCKS

The units enable 2 12V double acting functions with flow regulation:
1 dual effect function (motor) with electric rate cartridge and 1 dual effect function (door)
Requires 10 micron filtration at unit input



BEPAND control box
> Switch for the floor function
> Switch for the gate function
> Potentiometer for the floor speed

Control box + unit ①:
DHR2EPAND2

Control box + unit ②:
DHR2EPAND3



TELEC3 control box
> On / off buttons
> Floor start
> Temporary action for floor reverse
> Floor speed adjustment by + / - buttons
> 1 modifiable memory
> 2 gate raise/lower buttons
> Optional DPA possibility

Control box + unit ①:
DHR2EPANDDPA2

Control box + unit ②:
DHR2EPANDDPA5

Control box + unit ③:
DHR2EPANDDPA8



ICONTROL control box
> On / off buttons
> Floor start
> Temporary action for floor reverse
> Floor speed adjustment by potentiometer
> 6 modifiable memories
> 2 gate raise/lower buttons
> Optional DPA possibility

Control box + unit ①:
DHR2EPANDDPA3

Control box + unit ②:
DHR2EPANDDPA6

Control box + unit ③:
DHR2EPANDDPA9



HYDROSCREEN control box
> On / off buttons
> Floor start
> Temporary action for floor reverse
> Percentage or tonnage/hectare setpoint modifiable by potentiometer
> Modifiable memories
> 2 gate raise/lower buttons
> Optional DPA possibility

Control box + unit ①:
DHR2EPANDDPA4

Control box + unit ②:
DHR2EPANDDPA7

Control box + unit ③:
DHR2EPANDDPA10

THE EXTRA OPTIONS WHICH MAKE THE DIFFERENCE

We can offer you a wide range of possibilities.
Exacting customers? We'll find the most suitable solution together



» Automatic machine maintenance
Centralised greasing



» Ground preservation
Tyres inflation systems



» Units customised to your brand
Tailor-made labels and Lexan



» Weighing systems
Several compatible solutions



» Evolution towards full electric
Radar for flow rate proportional to ground speed



» Beater rotation monitoring
» Door height management

1 SINGLE CONTACT
1 SINGLE SUPPLIER

1 Team of specialist hydraulic and electrical advisers to assist you

15 Hydraulic and electrical engineers in the design office

2 Subsidiaries across Europe

7 Service Points in France

20 000 References stored



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