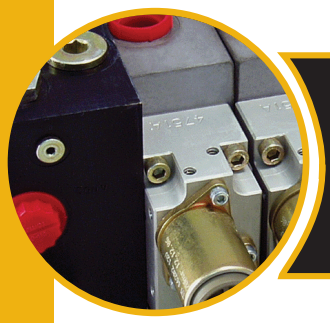


PVC3000™ VALVE

The PVC3000 Valve offers complete central hydraulic control.

One complete central hydraulic system customized for your salt spreading and/or hydraulic plow control needs.

Design your "Dickey-john quality" system by using the PVC3000 with your:

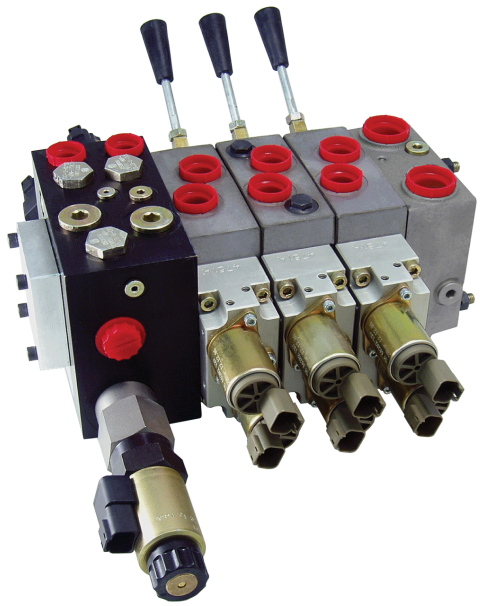
Control Point/ICS2000/LT - for material spreader control

OR

Multi Function Joystick/ Control King Joystick - for plow and hoist control.

Benefits and features include:

- Base manifold for material application control (spreader/spinner/prewet).
- Add on individual hydraulic sections for plow and hoist control
- Each hydraulic section is dual control (plow up/down)
- Hydraulic flows of 20 gallons per minute auger, 8 gallons per minute spinner and 8 gallons per minute liquid
- Hydraulic flow ranges for each section available for 1 – 32 gallons per minute
- Optional auger reversing valve
- Manual override standard for each valve section
- Optional pressure shock relief for each high pressure work part 460 – 5075 psi.
- Compatible with load sense and fixed displacement hydraulic systems
- Proportional operation
- Deutsch electrical connections for environmental seal
- All SAE hydraulic connections are conveniently located on the top side



Backed by the Power of DICKEY-john

When you buy a PVC3000 you get all the dependability and value you expect from DICKEY-john products. DICKEY-john's advanced technology and superior electronics are backed by a team of expert, in-house mechanical, electrical, software, and test engineers. DICKEY-john is an ISO 9000:2000 certified facility.

DICKEY-john® CORPORATION

Revolutionizing Electronics

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Auburn, IL 62615
www.dickey-john.com
217-438-3371
217-438-6012 fax

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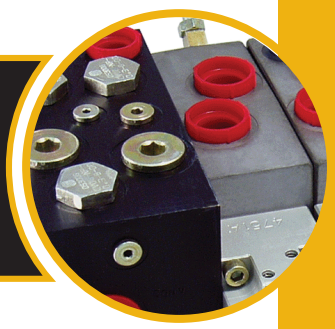
PVC3000™ VALVE



HOIST SAE

SAE 10 O-ring Boss ports

Valve section capacity 32 gallons per minute with proportional coil

Proportional operation (Up/Down/Left/Right)

FRONT PLOW

SAE 10 O-ring Boss ports

10 gallons per minute capacity (spool limited) valve section capacity 32 gallons per minute

Spool limiters standard for precise flow limitation

Section with proportional coil

Proportional operation (Up/Down/Left/Right)

Automatic safety retraction

SIDE WING

SAE 10 O-ring Boss ports

17 gallons per minute capacity (spool limited) valve section capacity 32 gallons per minute

Spool limiters standard for precise flow limitation

Section with proportional coil

Proportional operation (Up/Down/Left/Right)

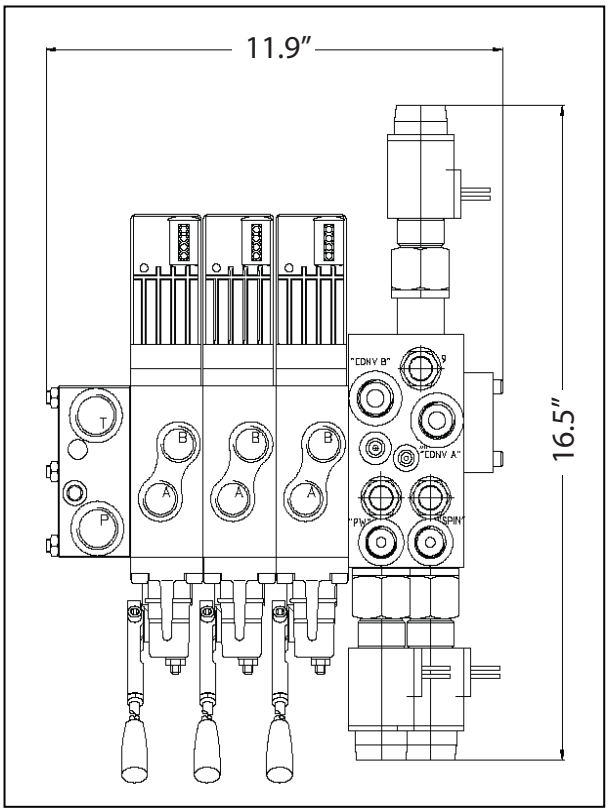
UNDER BODY SCRAPER

SAE 10 O-ring Boss ports

17 gallons per minute capacity (spool limited) valve section capacity 32 gallons per minute

Spool limiters standard for precise flow limitation

Section with proportional coil



PULSE WIDTH MODULATED ELECTRICAL ACTUATION

Technical Data:

Control Signal	0-750 mA (24V) 0-1500 mA (12V)
Response time	150-200 ms
Ambient temperature	-30 to +80 degrees C
Pilot pressure	25 bar (PVH)

No spool position feedback control

2A, 100-400 Hz pulse width modulated control signals

Deutsch connectors

12V or 24V - proportional coils

PVC3000 - CONVEYOR

SAE 10 O-ring Boss port
Up to 20 gallons per minute
Pressure compensated
Optional reversible conveyor
Proportional operation

PVC3000 - SPINNER

SAE 8 O-ring Boss port
Up to 8 gallons per minute
Pressure compensated
Proportional operation

PVC3000 - PRE-WET

SAE 8 O-ring Boss port
Up to 6 gallons per minute
Pressure compensated
Proportional operation

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