



HEBEI RUNHE HYDRAULIC MACHINERY CO., LTD

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Hydraulic cylinder of manure spreader

Runhe Hydraulic offers heavy-duty hydraulic cylinders designed for manure spreaders. Featuring robust structure, corrosion resistance, reliable sealing, and stable performance under harsh conditions, they ensure smooth operation, long service life, and perfect compatibility with agricultural machinery.

Product Basic Information

Item	Light Duty ($\leq 3\text{m}^3$)	Medium Duty (3– 6m^3)	Heavy Duty (6– 10m^3)	Extra Heavy ($\geq 10\text{m}^3$)
Bore Diameter (D)	$\Phi 50 / 63 \text{ mm}$	$\Phi 63 / 80 \text{ mm}$	$\Phi 80 / 100 \text{ mm}$	$\Phi 100 / 125 \text{ mm}$
Rod Diameter (d)	$\Phi 25 / 28 \text{ mm}$	$\Phi 28 / 32 \text{ mm}$	$\Phi 32 / 40 \text{ mm}$	$\Phi 40 / 50 \text{ mm}$
Standard Stroke	150–250 mm	250–350 mm	350–450 mm	450–600 mm
Rated Pressure	14–16 MPa	16–18 MPa	18–20 MPa	20–22 MPa
Test Pressure	21–24 MPa	24–27 MPa	27–30 MPa	30–33 MPa
Extending Force (16MPa)	$\approx 31\text{--}50 \text{ kN}$	$\approx 50\text{--}80 \text{ kN}$	$\approx 80\text{--}125 \text{ kN}$	$\approx 125\text{--}245 \text{ kN}$
Mounting Type	Clevis / Trunnion	Clevis / Trunnion	Clevis / Trunnion	Clevis / Trunnion
Pin Hole	$\Phi 20 / 22 \text{ mm}$	$\Phi 22 / 25 \text{ mm}$	$\Phi 25 / 28 \text{ mm}$	$\Phi 28 / 32 \text{ mm}$
Port Size	M14 $\times$ 1.5 / G1/4"	M18 $\times$ 1.5 / G3/8"	M22 $\times$ 1.5 / G3/8"	M27 $\times$ 2 / G1/2"
Suitable Tractor	50–80 HP	80–120 HP	120–180 HP	180–300+ HP

Note: If you require other specifications of hydraulic cylinders, please contact us.

Product Advantages

Runhe Hydraulic cylinders for manure spreaders are built for heavy-duty agricultural use. With rugged construction, corrosion-resistant chrome rods, and high-performance sealing systems, they ensure stable, leak-free operation in harsh, dusty, and corrosive environments. Strong load capacity, long service life, easy installation, and excellent compatibility with various tractor-powered spreaders make them a reliable choice for efficient farming.