

Quick Start Guide Speed Control



Speed Control for Direct Acting Press allows for smooth control of the ram speed over a distance. Speed control device should only be filled using mineral oil.

ADJUSTMENTS

- ① For length of controlled stroke (25mm maximum). Counter-clockwise movement will increase the length of the controlled stroke, clockwise rotation will decrease the length of the controlled stroke
- ③ Speed control. Sets the amount of resistance that is applied by the speed control device. Clockwise adjustment will increase the resistance, counter-clockwise adjustment will decrease the resistance.
- ⑤ Breather Vent. No user adjustment.
- ⑧ & ⑨ Total Stroke Adjustment. This component is adjusted to set the required overall ram travel. Adjustments are made by loosening the clamping block screws ⑨, then manually moving the assembly to the desired position. Once the position has been set, tighten the clamping block screws and run the jam nuts into position against the clamping block ⑧.

MAINTENANCE

- ② Accumulator charge point. Remove nut to gain access to the charge fitting. Accumulator is shipped fully charged. In the event the accumulator needs to be recharged, please contact SCHMIDT Technology
- ④ Filter Element. The filter is a Norman 4210T-2MP, 10 micron filter. Please contact SCHMIDT Technology for procedures to change the filter
- ⑥ The reservoir. Accumulator is charged with 200 psi nitrogen.

NOTE

- ⑦ Hydraulic Cylinder. This device is engaged while controlling ram speed.
- ⑩ Mounting Plate. Fits over the piston rod and anti-rotation rod on the top of the press cylinder. This plate secures the speed control device to the press.

PRESS	Amount of Force Lost @ 80 psi	Max. Cycle Rate per min.	Controlled Distance(mm)
No. 24	466	20	17 - 25
No. 25	466	20	17 - 25
No. 27	563	20	17 - 22
No. 29	563	20	17 - 22

