

Product Name :
Friction Screw Press (Down Stroke)

Product Code :
NLAB-MACHINELABWK14005



Description :

Friction Screw Press (Down Stroke)

Technical Specification :

These friction screw presses are preferred for hot forming (Forgings) and cold coining, stamping, embossing, sizing nonferrous metals. The press body is steel welded construction one piece box type design. After the welding the press body is glow free from tension. The screw is made of high quality alloy steel and is heat treated to have great hardness at the same time great elasticity. Fly wheel screw presses machines of this type are characterized by the fact that fly wheel connected to accelerates at the start of working stroke, then braked to a standstill by the actual forming process. Thus the entire Kinetic energy stored in the fly wheel released screw press have not Kinetically fixed bottom dead center point in common with drop forging itself or by stops in the tool in turn, this results in advantage tool height adjustment is eliminated, forging accuracy is greater. Forging is possible in closed die, a screw cannot jam under load. Slipping clutch wheel overload protection pneumatic control can be provided.

Model Nominal Capacity Dia of Screw Stroke

of Ram Number of Strokes Size of Table Max Distance b / w
 Table & Ram Min. Distance b / w Table & Ram Dia of Hole
 in the Table Dia of Hole in the Ram Pulley Size Power
 Required

Tons mm / inch mm / inch Per Minuts mm / inch mm /
 inch mm / inch mm / inch mm / inch mm / inch H.P. /
 R.P.M.

FSP 30 75 / 3 150 / 6 40 325 x 350/13 x 14
 300/12 175/7 75 / 3 38 / 11 / 2 100/4 B 3/1440

FSP 50 115 / 41 / 4 175 / 7 30 325 x 400/13 x 1611/2
 325/13 175/7 80 / 31 / 4 38 / 11 / 2 100/4 B
 5/1440

FSP 100 132 / 51 / 4 250 / 10 25 430 x 470/17 x
 181/2 450/18 200/8 100 / 4 50 / 2 125/5 C
 10/1440

FSP 150 155 / 61 / 4 275 / 11 20 450 x 525/18 x 21
 475/19 225/9 118 / 414 64 / 214 125/5 C 15/1440

FSP 200 165 / 61 / 2 300 / 123 / 8 18 500 x 540/20 x
 211/2 500/20 250/10 125 / 5 64 / 21 / 2 175/7 C
 20/960

FSP 300 200 / 8 350 / 14 16 600 x 600/24 x 24
 580/23 280/11 140 / 51 / 2 64 / 214 175/7 C 25/960

FSP 400 225 / 91 / 2 375 / 15 14 700 x 700/28 x 28
 600/24 300/12 150 / 6 89 / 31 / 2 175/7 C 30/960

FSP 500 255 / 10 405 / 16 12 760 x 760/30 x 30
 625/25 325/13 150 / 6 118 / 414 175/7 C 40/960

FSP 630 280 / 11 432 / 17 10 810 x 810/32 x 32
 660/26 355/14 150 / 6 118 / 41 / 2 175/7 C
 50/960

FSP 800 292 / 111 / 2 457 / 18 8 865 x 865/34 x 34
 710/28 380/15 165 / 61 / 2 125 / 5 175/7 C
 60/960

FSP 1000 307 / 121 / 2 507 / 20 6 915 x 915/36 x 36
 760/30 405/16 190 / 71 / 2 125 / 5 175/7 C
 70/960

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