

Product Name :
C Type Steel Body Inclinable Presses

Product Code :
NLAB-MACHINELABWK14001



Description :

C Type Steel Body Inclinable Presses

Technical Specification :

C Type Steel Body Inclinable Presses .

Standard Accessories :

- Suitable Electric Motor 3 Phase
- Motor Pulley
- Suitable Push Button Starter
- Set of V-Belts
- Belt Guard
- Gear Guard
- Hand safety device
- Special Steel Spanner for adjustment to lock Nutt
- Hand operated oil lubrication Pump
- Clamps for Holding dies
- Bolster Plate duly machined having T-Slots

SPECIFICATIONS INCLINABLE POWER PRESSES - Series (Steel Body)

| | | | | | | | | | | |
|-----------------------------|-----------|-----------|-----------|------------|--------|-------|-------|-------|-------|--|
| Maximum Pressure | 10 Tons | 20 | | | | | | | | |
| Tons | 30 Tons | 50 | | | | | | | | |
| Tons | 75 Tons | 100 Tons | 150 Tons | 200 | | | | | | |
| Tons | 250 | | | | | | | | | |
| Tons | | | | | | | | | | |
| Stroke | 50 | | | | | | | | | |
| MM | 62 | | | | | | | | | |
| MM | 75 MM | 87 | | | | | | | | |
| MM | 100 MM | 112 MM | 150 MM | 188 | | | | | | |
| MM | 226 | | | | | | | | | |
| MM | | | | | | | | | | |
| Length of Bed | 483 | 550 | 660 | 779 | 813 | 940 | 1016 | 1092 | 1168 | |
| Width of Bed | 330 | 362 | 406 | 508 | 546 | 686 | 737 | 788 | 839 | |
| Opening in Bed | 114 | 114 | 127 | 152 | 178 | 216 | 254 | 292 | 330 | |
| Bolster Plate Thiness | 64 | 65 | 76 | 76 | 89 | 102 | 102 | 102 | 102 | |
| Bed to Ram bottom | 235 | 275 | 330 | 432 | 470 | 597 | 635 | 673 | 711 | |
| Hole in ram for Punch - Dia | 38 | 38 | 51 | 51 | 51 | 79 | 79 | 79 | 79 | |
| Hole in ram for Punch Depth | 70 | 70 | 79 | 89 | 89 | - | 152 | 152 | 152 | |
| Adjustment ram | 19 | 19 | 25 | 32 | 32 | 32 | 32 | 32 | 32 | |
| Fly Wheal Dia | 508 | 550 | 610 | 787 | 914 | 965 | 1066 | 1167 | 1268 | |
| Gear Dia | 425 | 500 | 650 | 700 | 800 | 900 | 1066 | 1162 | 1263 | |
| Section of V Belts | B | B | B | B | B | C | C | C | C | |
| No. of V Belts | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | | |
| Mo. of Strokes per - minute | 76 | 70 | 60 | 55 | 40 | 35 | 30 | 30 | 30 | |
| Electric Motor (1440 RPM) | 2 HP | 3 HP | 3 HP | 5 HP | 7.5 HP | 10 HP | 15 HP | 20 HP | 25 HP | |
| Gross Weight | 900 Kgs. | 1300 Kgs. | 1900 Kgs. | 3300 Kgs. | | | | | | |
| | 4500 Kgs. | 6000 Kgs. | 8000 Kgs. | 10000 Kgs. | 13000 | | | | | |

Kgs.

SPECIFICATIONS STEEL BODY POWER PRESS - Geared & Ung geared Inclinable Or Fixed Body Series

| Capacity | 3 Tons | 5 Tons | 10 Tons | 15 Tons | 20 Tons | 30 Tons | 50 Tons | 75 Tons | 100 Tons | 150 Tons | 200 Tons | 250 Tons |
|------------------------|------------|------------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|------------|
| Crank Shaft Dia. | 38 | 51 | 60 | 70 | 76 | 83 | 95 | 115 | 127 | 140 | 158 | 165 |
| Stroke Adjustment | 2-19 | 6-25 | 6-25 | 10-38 | 13-51 | 13-63 | 13-76 | 13-102 | 13-15 | 13-127 | 13-152 | 13-165 |
| Side Adjustment | 20 | 25 | 25 | 25 | 25 | 25 | 40 | 50 | 60 | 60 | 70 | 70 |
| Hole in Ram | 19 | 25 | 25 | 32 | 32 | 38 | 51 | 51 | 55 | 55 | 63 | 63 |
| Hole in Bed | 51 | 63 | 76 | 89 | 89 | 102 | 127 | 178 | 191 | 23 | 216 | 216 |
| Length & Width of Bed | 255 x 152 | 305 x 178 | 356 x 203 | 432 x 254 | 457 x 305 | 508 x 355 | 660 x 406 | 711 x 508 | 813 x 558 | 914 x 610 | 965 x 660 | 1067 x 711 |
| Dist. Bed to Ram / | 152 | 152 | 180 | 205 | 230 | 266 | 290 | 330 | 381 | 410 | 432 | 485 |
| Stroke Per Minute | | | | | | | | | | | | |
| Geared (S.P.M.) I | 90 | 80 | 80 | 75 | 60 | 55 | 5 | 50 | 45 | 40 | 30 | 30 |
| Ung geared (S.P.M.) II | 165 | 150 | 130 | 120 | 120 | 115 | 90 | - | - | - | - | - |
| H.P./Rpm Ung geared | 0.5 / 960 | 0.5 / 960 | 1 / 960 | 1.5 / 960 | 2 / 960 | 3 / 960 | 5 / 960 | - | - | - | - | - |
| H.P./Rpm Geared | 0.5 / 1440 | 0.5 / 1440 | 1 / 1440 | 1.5 / 1440 | 2 / 1440 | 3 / 1440 | 5 / 1440 | 7.5 / 1440 | 10 / 1440 | 15 / 1440 | 20 / 1440 | 25 / 1440 |
| Floor to Top of Bed | 520 | 690 | 730 | 740 | 815 | 815 | 900 | 915 | 915 | 915 | 1000 | 1050 |
| Weight Approx. Kg. | 200 | 300 | 450 | 700 | 900 | 1100 | 2350 | 3500 | 5000 | 6000 | 9000 | 11500 |

Shut Height at standard Max. Stroke is the distance between table surface & slide face with slide at bottom of stroke & adjustment up.

PILLAR TYPE POWER PRESSES

TWO POINT STEEL BODY, HIGH SPEED UNGEARED WITH PNEUMATIC CLUTCH ELECTRICALS AND ITS FITTINGS OR ROLLING KEY CLUTCH

SPECIAL FEATURES :

The Pillar Type presses are made through welded steel construction for utmost rigidity and low deflection.

Fabricated steel slide running in eight extra long guides with non-metallic liners to ensure perfect alignment.

Slide counter balancers to minimize guide wear and ensure smooth movement resulting in improved tool life.

Combination clutch and brake with interlocking of functions and dual solenoid valve to ensure " fail safe" operation.

Efficient DC variable speed drive for quick and wide selection of speeds.

Motorised central lubrication system.

Stroke counter, slide adjustment indicator provided on machine.

Motorised slide adjustment.

SPECIFICATIONS FOR INCLINABLE POWER PRESSES - AMI-H Series (Steel Body)

| Maximum Pressure | 50 Tons | 80 Tons | 100 Tons | 160 Tons | 200 Tons |
|-----------------------|-----------|-----------|------------|------------|------------|
| Bolster Area LR.-F.B. | 700 X 500 | 750 X 550 | 1000 X 600 | 1050 X 600 | 1100 X 600 |
| Stroke Fixed | 40 | 40 | 45 | 45 | 45 |
| Bed to Ram Bottom | 300 | 300 | 300 | 350 | 350 |
| Slide Area L.R.-F.B. | 500 X 400 | 550 X 400 | 900 X 500 | 900 X 500 | 1000 X 500 |
| Strokes Per Minute | 90 | 90 | 80 | 80 | 80 |
| Section of V Belts | B | B | B | C | C |
| No of V Belts | 3 | 3 | 3 | 4 | 4 |
| Main Motor (960 RPM) | 3HP | 5HP | 10HP | 15HP | 20HP |

Also available in variable speed motors.

CROSS SHAFT POWER PRESSES

STEEL BODY WITH PNEUMATIC CLUTCH, ELECTRICALS AND ITS FITTINGS

SPECIAL FEATURES :

The front-to back shaft gap frame press has been developed for the general stamping and forging industry which require very high rigid presses.

Heavy ribbing welded to the frame insures optimum rigidity into the longitudinal (left- to-right) direction of the press. Further, the main shaft is supported at three bearing points to eliminate cantilever action. The closeness of the bearings to each other also imparts sturdiness to the shaft.

Combination type of friction clutch & brake unit eliminates overlapping of torque, gives fast action and reduces lining wear to the minimum.

All the drive components are housed within the frame structure itself to ensure better access to the working area and greater operational safety.

SPECIFICATIONS FOR INCLINABLE POWER PRESSES - AMI-H Series (Steel Body)

| Maximum Pressure | 25 Tons | 40 Tons | 63 Tons | 80 Tons | 110 Tons | 160 Tons | 250 Tons | |
|--------------------------|-----------|-----------|-----------|-----------|------------|------------|----------|-------|
| Bolster Area L.R. - F.B. | 640 x 380 | 750 x 460 | 800 x 500 | 850 x 550 | 1100 x 700 | 1250 x 800 | 1350 | x 900 |
| Stroke Adjustable | 75 | 75 | 87 | 100 | 125 | 150 | 150 | |
| Slide Adjustment | 50 | 50 | 50 | 50 | 70 | 70 | 70 | |
| Bed to Ram Bottom | 300 | 350 | 375 | 425 | 600 | 800 | 900 | |
| Hole in Bed | 130 | 150 | 170 | 190 | 212 | 250 | 300 | |

| | | | | | | | |
|-----------------------|------|------|------|--------|-------|--------|--------|
| Shank Hole | 50 | 50 | 50 | 50 | 80 | T SLOT | T SLOT |
| Stroke Per Minute | 60 | 55 | 50 | 40 | 35 | 35 | 30 |
| Section of V-Belts | B | B | B | B | B | C | C |
| Main Motor (1440 RPM) | 3 HP | 3 HP | 5 HP | 7.5 HP | 10 HP | 15 HP | 20 HP |

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003