



## Hydraulic Punching Machine - APS 120



### Main Applications

- Building construction
- Bridge construction
- Crane
- Power Plant

### Advantageous

- Integrated automatic return stroke
- Mobile use, no material transport
- Virtually noiseless punching
- Easy positioning through stop function of the punch
- Easily portable, fully automatic, hydraulic punching equipment for steel, bridge, container, crane and metal construction

| Specifications                  | APS 120              |
|---------------------------------|----------------------|
| Max. round hole                 | 25 mm                |
| Max. oval hole                  | 25 x 18 mm           |
| Material thickness ( DIN S275 ) | 16 mm                |
| Punching time with AHP-M        | +/- 10 sec.          |
| Throat depth                    | 110 mm               |
| Max. pressure                   | 700 bar = 10.150 psi |
| Punching power                  | 44 ton               |
| Punch stroke                    | 25 mm                |
| Recommended pump                | AHP-M                |
| Dimension ( L x W x H )         | 585 x 144 x 442 mm   |
| Weight                          | 47.3 Kg              |

| Item Code         | Item Name                                                                                                                                                                                | MoQ          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>109.03.003</b> | <b>Hydraulic Punching - APS 120 - Single Action</b>                                                                                                                                      | <b>1 Set</b> |
|                   | <ul style="list-style-type: none"> <li>Control cable, Hydraulic hose 5 m, Spanner punch, APS round punch Ø 18 mm, APS round die Ø 18 mm, Suspension bracket, Depth adjustment</li> </ul> |              |

| Item Code                   | Item Name                                              | MoQ    |
|-----------------------------|--------------------------------------------------------|--------|
| <b>Optional Accessories</b> |                                                        |        |
| 109.03.008                  | Hydraulic Pump AHP-M for APS                           | 1 Unit |
| 209.24.001                  | Tension Nut with Boring Ø 7 - 24 mm                    | 1 Pc   |
| 209.24.002                  | Tension Nut with Boring Ø 25 mm                        | 1 Pc   |
| 209.18.014                  | APS Round Punch & Die 120, 110, 70 Package - Ø 18 mm   | 1 Set  |
| 209.18.001                  | APS Round Punch & Die 120, 110, 70 Package - Ø 7 mm    | 1 Set  |
| 209.18.002                  | APS Round Punch & Die 120, 110, 70 Package - Ø 8 mm    | 1 Set  |
| 209.18.003                  | APS Round Punch & Die 120, 110, 70 Package - Ø 9 mm    | 1 Set  |
| 209.18.004                  | APS Round Punch & Die 120, 110, 70 Package - Ø 10 mm   | 1 Set  |
| 209.18.005                  | APS Round Punch & Die 120, 110, 70 Package - Ø 11 mm   | 1 Set  |
| 209.18.006                  | APS Round Punch & Die 120, 110, 70 Package - Ø 12 mm   | 1 Set  |
| 209.18.007                  | APS Round Punch & Die 120, 110, 70 Package - Ø 13 mm   | 1 Set  |
| 209.18.008                  | APS Round Punch & Die 120, 110, 70 Package - Ø 14 mm   | 1 Set  |
| 209.18.009                  | APS Round Punch & Die 120, 110, 70 Package - Ø 14.5 mm | 1 Set  |
| 209.18.010                  | APS Round Punch & Die 120, 110, 70 Package - Ø 15 mm   | 1 Set  |
| 209.18.011                  | APS Round Punch & Die 120, 110, 70 Package - Ø 16 mm   | 1 Set  |
| 209.18.012                  | APS Round Punch & Die 120, 110, 70 Package - Ø 17 mm   | 1 Set  |
| 209.18.013                  | APS Round Punch & Die 120, 110, 70 Package - Ø 17.5 mm | 1 Set  |
| 209.18.015                  | APS Round Punch & Die 120, 110, 70 Package - Ø 19 mm   | 1 Set  |
| 209.18.016                  | APS Round Punch & Die 120, 110, 70 Package - Ø 20 mm   | 1 Set  |
| 209.18.017                  | APS Round Punch & Die 120, 110, 70 Package - Ø 21 mm   | 1 Set  |
| 209.18.018                  | APS Round Punch & Die 120, 110, 70 Package - Ø 22 mm   | 1 Set  |
| 209.18.019                  | APS Round Punch & Die 120, 110, 70 Package - Ø 23 mm   | 1 Set  |
| 209.18.020                  | APS Round Punch & Die 120, 110, 70 Package - Ø 23.5 mm | 1 Set  |
| 209.18.021                  | APS Round Punch & Die 120, 110, 70 Package - Ø 24 mm   | 1 Set  |
| 209.18.022                  | APS Round Punch & Die 120, 110, 70 Package - Ø 25 mm   | 1 Set  |
| 209.23.001                  | APS Oval Punch & Die Package - 16 x 8 mm               | 1 Set  |
| 209.23.002                  | APS Oval Punch & Die Package - 18 x 9 mm               | 1 Set  |
| 209.23.003                  | APS Oval Punch & Die Package - 18 x 11 mm              | 1 Set  |
| 209.23.004                  | APS Oval Punch & Die Package - 20 x 10 mm              | 1 Set  |
| 209.23.005                  | APS Oval Punch & Die Package - 20 x 12 mm              | 1 Set  |
| 209.23.006                  | APS Oval Punch & Die Package - 20 x 14 mm              | 1 Set  |
| 209.23.007                  | APS Oval Punch & Die Package - 22 x 11 mm              | 1 Set  |
| 209.23.008                  | APS Oval Punch & Die Package - 22 x 14 mm              | 1 Set  |
| 209.23.009                  | APS Oval Punch & Die Package - 24 x 12 mm              | 1 Set  |
| 209.23.010                  | APS Oval Punch & Die Package - 25 x 9 mm               | 1 Set  |
| 209.23.011                  | APS Oval Punch & Die Package - 25 x 12 mm              | 1 Set  |
| 209.23.012                  | APS Oval Punch & Die Package - 25 x 13 mm              | 1 Set  |
| 209.23.013                  | APS Oval Punch & Die Package - 25 x 14 mm              | 1 Set  |
| 209.23.014                  | APS Oval Punch & Die Package - 25 x 18 mm              | 1 Set  |