

FINN-POWER service hydraulic presses (P20, P32)

FINN-POWER type P20 service presses are available in various drive versions and press head setting configurations. The P20HP and P20HPL presses have manual drive and the possibility to set the press head in two positions (90° rotation), the P20AP and P20APL have pneumatic drive and the P20CS has battery power (selectable 12V and 24V). The P20HP and P20AP presses are devoid of electrical components, while the P20HPL, P20APL, P20CS presses have MS control with an LED indicator light to indicate when the set clamp diameter has been reached. The P20CS versions are designed for service truck equipment. They are supplied with the clamping head on the left as well as on the right (L and R versions - applies to CS presses with MS control). On ZCS versions, the hydraulic unit is connected to the press head by a flexible hose.



FP-P20HP



FP-P20AP



FP-P20CS-12V-R



FP-P20ZCS-12V



FP-P20CS-SCC-12V-L

| Type | P20HP / HPL | P20AP / APL | P20CS / ZCS / CS SCC | P32CS / ZCS / CS SCC |
|---------------------------------------|----------------|-------------|-------------------------------------|---------------------------|
| clamping diameter range ¹⁾ | up to 61 mm | | | up to 87 mm |
| maximum clamping force | 137 T | | | 200 T |
| max. internal diameter of hose clamps | 1.1/2" (38 mm) | | | 2" (51 mm) |
| number of clamps / hour ²⁾ | - | - | 250 | 150 |
| jaws | type 20 | | | Type 32 |
| max. jaw opening ³⁾ | + 25 mm | | | + 33 mm |
| Main jaws D/L | 84 / 80 mm | | | 99 / 80 mm |
| control ⁴⁾ | manual / MS | manual / MS | MS / SCC | MS / SCC |
| motor / drive | manual | pneumatic | electric 1.6 / 2.2 kW ⁵⁾ | |
| dimensions (L x W x H) mm | 484x441x389 | 571x477x345 | 571x533x387 ⁶⁾ | 626x543x421 ⁶⁾ |
| weight (with oil) | 66 kg | 59 kg | 83 kg | 116 kg |

¹⁾With standard jaws. The clamping range can be extended by using special jaws.

²⁾Theoretically at 10 mm cycle.

³⁾This is the total stroke of the jaws. To this value must be added the minimum clamping diameter of the jaws used.

⁴⁾Manual - mechanical indicator of reaching the clamp diameter. MS - electrical indicator of the clamp diameter set by the micrometer dial. SCC - control with colour touch screen display and memory.

⁵⁾Power supply from battery 12V / 24V (DC), for SCC control only 1.6kW 12V DC motor available.

⁶⁾Dimensions of press type CS with standard MS control.

| STANDARD JAWS TYPE 20 | | | | |
|-----------------------|------------------------------|---------|--------|--------|
| index | clamping diameter range [mm] | drawing | D [mm] | L [mm] |
| FP-20-10 | 10,0 - 12,0 | | 10 | 55 |
| FP-20-12 | 12,0 - 14,0 | | 12 | 55 |
| FP-20-14 | 14,0 - 16,0 | | 14 | 55 |
| FP-20-16 | 16,0 - 19,0 | | 16 | 55 |
| FP-20-19 | 19,0 - 23,0 | | 19 | 55 |
| FP-20-23 | 23,0 - 27,0 | | 23 | 55 |
| FP-20-27 | 27,0 - 31,0 | | 27 | 70 |
| FP-20-31 | 31,0 - 36,0 | | 31 | 70 |
| FP-20-36 | 36,0 - 41,0 | | 36 | 75 |
| FP-20-41 | 41,0 - 47,0 | | 41 | 75 |
| FP-20-47 | 47,0 - 54,0 | | 47 | 85 |
| FP-20-54 | 54,0 - 61,0 | | 54 | 85 |

| AIR CONDITIONING JAWS TYPE 20 ACFP | | | |
|------------------------------------|---------|------------|--------|
| index | drawing | D min [mm] | L [mm] |
| FP-20ACFP-04F | | 13,5 | 65 |
| FP-20ACFP-06F | | 15,5 | 65 |
| FP-20ACFP-08F | | 18,5 | 65 |
| FP-20ACFP-10F | | 20,5 | 65 |
| FP-20ACFP-12F | | 31,5 | 65 |

| ACCESSORIES | |
|-------------|---|
| index | name |
| FP-RACK-20 | Type 20 jaw rack with magnetic holder |
| FP-RACK-32 | Type 32 jaw rack with magnetic holder |
| FP-720197 | Electric buffer for P20 SCC |
| FP-720196 | Electric buffer for P32 SCC |
| FP-691563 | Control pedal for FINN-POWER presses UC/SCC/ICC control |