

# OM-20

The OM-20 is an electrically operated workshop crimping machine designed to up to crimp 1 1/4" 4 wire and 1 1/2" 2 wire. Perfect for batch size hose assemblies it is quick, reliable and easy to use. Available in 1 phase and 3 phase (special voltages on request) and comes with an 8 off die set as standard.

The OM-20 also has an optional foot pedal and timing circuit feature as an added extra, allowing for timed release control and hands free operation to speed up hose assembly manufacturing times.



- **Hose capacity 3/16" to 1 1/4" (4 wire) & 1 1/2" (2 wire)**
- **Dial adjusted digital position indicator**
- **Available in 1phz or 3phz**
- **Twin return strut design**
- **Option foot pedal and timing circuit**
- **8 off die set as standard.**

## TECHNICAL DATA

|                                  |  |
|----------------------------------|--|
| <b>Hose capacity:</b>            | 3/16" - 1 1/4" (4 wire) (1 1/2" 2 wire)                    |
| <b>Swaging ranges:</b>           | 6.0mm - 66.5mm   |
| <b>Voltages:</b>                 | 220/240 single phase 50/60hz - 380/440 three phase 50/60hz |
| <b>Radial swaging force:</b>     | 1,884 kN   |
| <b>Max opening without dies:</b> | 99.7mm   |
| <b>Max cycle time:</b>           | 3 seconds closing 3 seconds opening                        |
| <b>Pump:</b>                     | Twin speed 4600 psi  |
| <b>Weight:</b>                   | 140 kg   |

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## DIE SET TABLE

| Die Set       | Range (mm)  | Length (mm) | Max Ferrule Diameter (mm) | Die Set       | Range (mm)  | Length (mm) | Max Ferrule Diameter (mm) |
|---------------|-------------|-------------|---------------------------|---------------|-------------|-------------|---------------------------|
| <b>08-20*</b> | 08.0 - 09.9 | 40.0        | 20.0                      | <b>34-20</b>  | 34.0 - 39.9 | 70.0        | 46.0                      |
| <b>10-20*</b> | 10.0 - 11.9 | 40.0        | 22.0                      | <b>40-20</b>  | 40.0 - 45.9 | 70.0        | 52.0                      |
| <b>12-20*</b> | 12.0 - 13.9 | 40.0        | 24.0                      | <b>46-20</b>  | 46.0 - 51.9 | 75.0        | 58.0                      |
| <b>14-20*</b> | 14.0 - 15.9 | 40.0        | 26.0                      | <b>52-20*</b> | 52 - 64.0   | 75.0        | 64.0                      |
| <b>16-20</b>  | 16.0 - 18.9 | 40.0        | 28.0                      |               |             |             |                           |
| <b>19-20</b>  | 19.0 - 21.9 | 40.0        | 31.0                      |               |             |             |                           |
| <b>22-20</b>  | 22.0 - 25.9 | 50.0        | 34.0                      |               |             |             |                           |
| <b>26-20</b>  | 26.0 - 27.9 | 50.0        | 38.0                      |               |             |             |                           |
| <b>28-20*</b> | 28.0 - 29.9 | 50.0        | 40.0                      |               |             |             |                           |
| <b>30-20</b>  | 30.0 - 33.9 | 60.0        | 42.0                      |               |             |             |                           |

\*Non standard dies