

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

| | |
|----------------------------------|--|
| Hose capacity: | 3/16" - 1 1/4" (4 wire) (1 1/2" 2 wire) |
| Swaging ranges: | 6.0mm - 66.5mm |
| Voltages: | 220/240 single phase 50/60hz - 380/440 three phase 50/60hz |
| Radial swaging force: | 1,884 kN |
| Max opening without dies: | 99.7mm |
| Max cycle time: | 3 seconds closing 3 seconds opening |
| Pump: | Twin speed 4600 psi |
| Weight: | 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) |
|---------------|-------------|-------------|---------------------------|---------------|-------------|-------------|---------------------------|
| 08-20* | 08.0 - 09.9 | 40.0 | 20.0 | 34-20 | 34.0 - 39.9 | 70.0 | 46.0 |
| 10-20* | 10.0 - 11.9 | 40.0 | 22.0 | 40-20 | 40.0 - 45.9 | 70.0 | 52.0 |
| 12-20* | 12.0 - 13.9 | 40.0 | 24.0 | 46-20 | 46.0 - 51.9 | 75.0 | 58.0 |
| 14-20* | 14.0 - 15.9 | 40.0 | 26.0 | 52-20* | 52 - 64.0 | 75.0 | 64.0 |
| 16-20 | 16.0 - 18.9 | 40.0 | 28.0 | | | | |
| 19-20 | 19.0 - 21.9 | 40.0 | 31.0 | | | | |
| 22-20 | 22.0 - 25.9 | 50.0 | 34.0 | | | | |
| 26-20 | 26.0 - 27.9 | 50.0 | 38.0 | | | | |
| 28-20* | 28.0 - 29.9 | 50.0 | 40.0 | | | | |
| 30-20 | 30.0 - 33.9 | 60.0 | 42.0 | | | | |

*Non standard dies