

*“Simplicity is an exact medium between too little and too much”*

*Sir Joshua Reynolds*

Hose crimping is, at its most basic, a very simple process. For a trained, competent operator, all the clever software and fail-safes that make up the operating system for many crimping machines is just window-dressing, and, in some cases, a positive detriment to productivity. For these situations Manuli Hydraulics offers the MAB 210 benchtop crimper.

Designed and manufactured to the same exacting standards as the recently launched EVO series of benchtop crimpers, the MAB 210 is simplicity personified. Featuring stripped-down, two button operation, the MAB 210 is designed to keep your hose assembly operations as simple and efficient as possible, whilst still providing top of the line quality and reliability.

### FEATURES

- Crimp force of up to 210 tonnes for hoses up to 2”
- Easy to use and robust
- Radial die movement
- Extensive range of dies to suit crimping of hydraulic hoses
- Easy setup and maintenance
- Fast and reliable



## TECHNICAL SPECIFICATIONS

|                     |   |                          |   |
|---------------------|---|--------------------------|---|
| <b>DIMENSIONS</b>   | 765 x 400 x 650 mm (30 x 16 x 26")            | <b>NOISE LEVEL</b>       | ?? dB A   |
| <b>NET WEIGHT</b>   | 160 kg (352 lb)                               | <b>CRIMP RANGE</b>       | 4 to 76 mm (0.157 - 2.992")   |
| <b>GROSS WEIGHT</b> | ??? kg (??? lb)                               | <b>CRIMP FORCE</b>       | 210 t   |
| <b>VOLTAGES</b>     | 380/415V, 3 Ph + N, 50 Hz                     | <b>OPENING WITH DIES</b> | +38 mm (+1.496")  |
| <b>CAPACITY</b>     | 2wb: 2" max.<br>4ws: 1¼" max.<br>6ws: ?? max. | <b>COMPLETE OPENING</b>  | 118 mm (4.646")   |
| <b>MOTOR</b>        | 3 kW  | <b>MASTER DIE LENGTH</b> | 100 mm (3.937")   |
|                     |   | <b>STANDARD DIES</b>     | 15, 18, 21, 24, 27, 30, 33, 36, 39,<br>42, 45, 48, 51, 57, 62, 66, 70 |

### ORDERING INFORMATION

| PRODUCT CODE | DESCRIPTION                          |
|--------------|--------------------------------------|
| ???          | MAB 210 380/415V 3PH+N 50HZ W/O DIES |

### AVAILABLE DIE SETS

| PRODUCT CODE      | DESCRIPTION                            | N° | CRIMP RANGE | DIE LENGTH (MM) | DIE LENGTH (INCH) |
|-------------------|--|----|-------------|-----------------|-------------------|
| EESA3220NL56-10   | DIE SET N. 10 - LENGTH 56 MM           | 10 | 10-DEC      | 56              | 2.205             |
| ESA3220NL56-12    | DIE SET N. 12 - LENGTH 56 MM           | 12 | DEC-15      | 56              | 2.205             |
| ESA3220NL56-15    | DIE SET N. 15 - LENGTH 56 MM           | 15 | 15-18       | 56              | 2.205             |
| ESA3220NL56-18    | DIE SET N. 18 - LENGTH 56 MM           | 18 | 18-21       | 56              | 2.205             |
| ESA3220NL56-21    | DIE SET N. 21 - LENGTH 56 MM           | 21 | 21-24       | 56              | 2.205             |
| ESA3320N140-24    | DIE SET N. 24 - LENGTH 70 MM           | 24 | 24-27       | 70              | 2.756             |
| ESA3320NL90-27    | DIE SET N. 27 - LENGTH 90 MM           | 27 | 27-30       | 90              | 3.543             |
| ESA3320NL90-30    | DIE SET N. 30 - LENGTH 90 MM           | 30 | 30-33       | 90              | 3.543             |
| ESA3320NL90-33    | DIE SET N. 33 - LENGTH 90 MM           | 33 | 33-36       | 90              | 3.543             |
| ESA3320NL90-36    | DIE SET N. 36 - LENGTH 90 MM           | 36 | 36-39       | 90              | 3.543             |
| ESA3320NL90-39    | DIE SET N. 39 - LENGTH 90 MM           | 39 | 39-42       | 90              | 3.543             |
| ESA3320NL90-42    | DIE SET N. 42 - LENGTH 90 MM           | 42 | 42-45       | 90              | 3.543             |
| ESA3320N100-45    | DIE SET N. 45 - LENGTH 100 MM          | 45 | 45-48       | 100             | 3.937             |
| ESA3320NL100-48   | DIE SET N. 48 - LENGTH 100 MM          | 48 | 48-51       | 100             | 3.937             |
| ESA3320N100-51    | DIE SET N. 51 - LENGTH 100 MM          | 51 | 51-57       | 100             | 3.937             |
| ESA3320N100-54    | DIE SET N. 54 - LENGTH 100 MM          | 54 | 54-57       | 100             | 3.937             |
| ESA3320N100-57    | DIE SET N. 57 - LENGTH 100 MM          | 57 | 57-62       | 100             | 3.937             |
| ESA3320N100-62    | DIE SET N. 62 - LENGTH 110 MM          | 62 | 62-66       | 100             | 3.937             |
| ESA3320N100-66    | DIE SET N. 66 - LENGTH 100 MM          | 66 | 66-70       | 100             | 3.937             |
| ESA3320N100-70    | DIE SET N. 70 - LENGTH 100 MM          | 70 | 70-72       | 100             | 3.937             |
| ESA3320N240KT     | KIT 12 DIES MB240/MV240 (N.15 TO N.66) | -  | -           | -               | -                 |
| ESA3320N240KTF    | KIT 17 DIES MB240/MV240 (N.15 TO N.70) | -  | -           | -               | -                 |
| ESA3220N137EQCG   | ERGONOMIC QUICK CHANGE GUN             | -  | -           | -               | -                 |
| ESA3220N137QCG    | ALUMINIUM QUICK CHANGE GUN             | -  | -           | -               | -                 |
| ESA3220NT140401   | WALL MOUNTED RACK FOR EXTRA DIE SETS   | -  | -           | -               | -                 |
| ESA3220NTKITTABLE | ERGONOMIC TABLE FOR MB'S               | -  | -           | -               | -                 |
| YKM-21-1-182601   | DIE STORAGE RACK EVO                   | -  | -           | -               | -                 |
| YKM-00-0-13408    | SINGLE FOOT SWITCH (EFS)               | -  | -           | -               | -                 |
| ESA3320NMBS24     | MB 240 MECHANICAL BACK STOP (MBS)      | -  | -           | -               | -                 |

### REMARKS



- Refrigeration hose special dies available upon request

### Global Sales & Marketing Office

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