

## **OM-08**

The OM-08 is a compact, lightweight crimping machine with twin speed hand pump. Ideal for hose assemblies, brake lines and other small applications. Light enough to be carried on site or used in mobile environments. Fitted with single swage collet with 10mm range (17-27 as standard.)



#### **SPECIFICATION**

- Hose capacity 1/4" to 1/2" (2 wire)
- Twin speed manual hand pump
- Easy to use dial adjusted calibrator.
- Lightweight and portable
- See data sheet for available swage collet sizes or contact us for custom die design.

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Hose capacity:	¼"- ½" 2 wire
Swaging ranges:	Any 10mm range between 5-35mm (17-27mm standard die set)
Radial swaging force:	622kN
Pump:	Twin speed 10,000 psi (690 bar)
Weight:	28kg



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## **OM-16**

The OM-16 is a small, portable crimping machine designed for hose assemblies up to 11/4" 2 wire and 1" 4 wire. It features a twin speed manual hand pump and simple dial adjusted calibrator for easy operation. Ideal to be carried on site or used in mobile environments, this machine is perfect for users who want to replace hose assemblies for maintenance or do small batch sizes.



#### **SPECIFICATION**

- Hose capacity 3/16" to 1 1/4" (2 wire) & 1" (4 wire)
- Twin speed manual hand pump
- Easy to use dial adjusted calibrator
- 5 Die sets as standard with drawer for storage.

TECHNICAL DATA					
Hose capacity:	3/16" - 1 1/4" (2 wire) (1" 4 wire)				
Swaging ranges:	6.0mm – 54.0mm				
Radial swaging force:	1,253 kN				
Pump:	Twin speed 10,000 psi (690 bar)				
Weight:	42kg				

#### **DIE SET TABLE**

TECHNICAL DATA

Die Set	Range (mm)	Length (mm)	Max Ferrule Diameter (mm)	Die Set	Range (mm)	Length (mm)	Max Ferrule Diameter(mm)
08-16*	08.0 – 09.9	40.0	20.0	28-16	28.0 – 29.9	50.0	40.0
10-16*	10.0 – 12.9	40.0	22.0	30-16*	30.0 - 33.9	60.0	42.0
13-16*	13.0 – 15.9	40.0	25.0	34-16	34.0 – 39.9	60.0	46.0
16-16	16.0 – 18.9	40.0	28.0	40-16	40.0 - 46.0	60.0	52.0
19-16*	19.0 – 21.9	40.0	31.0	40L-16*	40.0 - 46.0	65.0	52.0
22-16	22.0 – 25.9	50.0	34.0	42-16*	42.0 - 48.0	65.0	54.0
26-16*	26.0 – 27.9	50.0	38.0				

\*Non standard dies

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## **OM-16 AP**

The OM-16 AP is a compact, air-pneumatic crimping machine designed for hose assemblies up to 1" 4 wire and 1 1/4" 2 wire. It features a twin speed air hydraulic pump that can be powered with a compressor and a simple dial adjusted calibrator for easy operation.

This machine is ideal for users who want to replace hose assemblies for maintenance or do small batch sizes with having to use a manual hand pump to do so.



#### **SPECIFICATION**

- Hose capacity 3/16" to 1 1/4" (2 wire) & 1" (4 wire)
- Twin speed air hydraulic pump
- Easy to use dial adjusted calibrator
- 6 Die sets as standard with drawer for storage.

TECHNICAE DATA					
Hose capacity:	3/16" - 1 1/4" (2 wire) (1" 4 wire)				
Swaging ranges:	8.0mm – 54.0mm				
Radial swaging force:	1,253 kN				
Pump:	Twin speed 10,000 psi (690 bar)				
Weight:	42kg				

#### **DIE SET TABLE**

TECHNICAL DATA

Die Set	Range (mm)	Length (mm)	Max Ferrule Diameter (mm)	Die Set	Range (mm)	Length (mm)	Max Ferrule Diameter (mm)
08-16*	08.0 – 09.9	40.0	20.0	28-16	28.0 – 29.9	50.0	40.0
10-16*	10.0 – 12.9	40.0	22.0	30-16*	30.0 - 33.9	60.0	42.0
13-16*	13.0 – 15.9	40.0	25.0	34-16	34.0 – 39.9	60.0	46.0
16-16	16.0 – 18.9	40.0	28.0	40-16	40.0 – 46	60.0	52.0
19-16*	19.0 – 21.9	40.0	31.0	40L-16*	40.0 - 46	65.0	52.0
22-16	22.0 – 25.9	50.0	34.0	42-16*	42.0 – 48	65.0	54.0
26-16*	26.0 – 27.9	50.0	38.0				

\*Non standard dies

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## **OM-20**

The OM-20 is an electrically operated workshop crimping machine designed to up to crimp 11/4" 4 wire and 11/2" 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.



#### **SPECIFICATION**

- 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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## **OM-20**

The OM-20 is an electrically operated workshop crimping machine designed to crimp 1/4" 4 wire and 1 1/2" 2 wire hose assemblies. 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.



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				

#### **DIE SET TABLE**

\*Non standard dies

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# **OM-20 QC**

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 QC features a floor mounted quick change rack for die storage and easy changing of die sets.



#### SPECIFICATION

- 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
- Quick change system
- 8 off die set as standard

#### **TECHNICAL DATA**

Hose capacity:	3/16" - 1 1/4" (4 wire) (1 1/2" 2 wire)
Swaging ranges:	8mm - 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:	4 seconds closing 4 seconds opening
Pump:	Twin speed 4600 psi
Weight:	190 kg







## **OM-20 QC**

The OM-20 is an electrically operated workshop crimping machine designed to crimp 1/4" 4 wire and 1 1/2" 2 wire hose assemblies. 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.



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

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## **OM-20 DC**

The OM-20 DC is a 12V mobile crimping machine designed to up to crimp 1 1/4" 4 wire and 1 1/2" 2 wire. It is quick, reliable and easy to use.

The OM-20 DC is perfect for any onsite hose repair service looking to offer hydraulic hose assembly in hard to reach areas and can be used anywhere with a 12 or 24v battery.



#### SPECIFICATION

- Hose capacity 3/16" to 1 1/4" (4 wire) & 1 1/2" (2 wire)
- Dial adjusted digital position indicator
- Available in 12v or 24v DC

- Twin return strut design
- Light weight design.
- 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:	12v DC (24v available on request)
Radial swaging force:	1,884 kN
Max opening without dies:	99.7mm
Max cycle time:	4 seconds closing 4 seconds opening
Pump:	Twin speed 4600 psi
Weight:	96kg



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## **OM-20 DC**

The OM-20 DC is a 12V mobile crimping machine designed to up to crimp 1 1/4" 4 wire and 1 1/2" 2 wire. It is quick, reliable and easy to use.

The OM-20 DC is perfect for any onsite hose repair service looking to offer hydraulic hose assembly in hard to reach areas and can be used anywhere with a 12 or 24v battery.



DIE SET	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

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# **OM-20 DC M**

The OM-20 DCM is a 12 or 24v mobile crimping machine designed to crimp 1 1/4" 4 wire and 1 1/2" 2 wire hose. It is quick, reliable and easy to use.

The OM-20 DCM is perfect for any onsite hose repair service looking to offer hydraulic hose assembly in hard to reach areas and can be used anywhere with a 12 or 24v battery.

Our modular variant offers flexibility to position powerpack, head and controls seperately to suit your van lay out.



#### **SPECIFICATION**

- Hose capacity 3/16" to 1 1/4" (4 wire) & 1 1/2" (2 wire)
- Dial adjusted digital position indicator
- Available in 12v or 24v DC

- Twin return strut design
- Segmented modular design.
- 8 off die set as standard.
- Quick change system compatible.

TECHNICAL DATA				
Hose capacity:	3/16" - 1 1/4" (4 wire) (1 1/2" 2 wire)			
Swaging ranges:	6.0mm - 66.5mm			
Voltages:	12v DC (24v available on request)			
Radial swaging force:	1,884 kN			
Max opening without dies:	99.7mm			
Max cycle time:	4 seconds closing 4 seconds opening			
Pump:	Twin speed 4600 psi			
Weight:	86kg			

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# **OM-20 DC M**

The OM-20 DCM is a 12 or 24v mobile crimping machine designed to crimp  $1 \frac{1}{4}$  4 wire and  $1 \frac{1}{2}$  2 wire hose. It is quick, reliable and easy to use.

The OM-20 DCM is perfect for any onsite hose repair service looking to offer hydraulic hose assembly in hard to reach areas and can be used anywhere with a 12 or 24v battery.

Our modular variant offers flexibility to position powerpack, head and controls seperately to suit your van lay out.



#### **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

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## OM-09 DC

Bench mounted 12v mobile hose cutting machine. Specifically designed to cut tough 4 wire hoses cleanly and efficiently.



#### SPECIFICATION

- Cutting capacity 1 1/4" 4 wire and 2" industrial hose.
- Perfect for mobile service van set up.
- Lightweight and portable design adjusted calibrator.

TECHNICAL DATA				
Hose capacity:	1 1/4" 4 wire and 2" industrial			
Motor:	12v or 24v			
Blade:	Slotted hose cutting blade to reduce heat & increase blade life			
Extraction:	38mm Extraction port			
Weight:	28kg			

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**OM-09** 

Bench mounted 1phz or 3phz hose cutting machine. Specifically designed to cut tough 4 wire hoses cleanly and efficiently.



#### **SPECIFICATION**

- Cutting capacity 1 1/4" 4 wire and 2" industrial hose.
- Lightweight and portable design adjusted calibrator.
- Perfect for an 1 1/4" 4 wire workshop set up.

TECHNICAL DATA					
Hose capacity:	11/4" 4 wire and 2" industrial				
Motor:	220/240 single phase 50/60hz - 380/440 three phase 50/60hz				
Blade:	Slotted hose cutting blade to reduce heat & increase blade life				
Extraction:	38mm Extraction port				
Weight:	32kg				

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