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25
LAT

Crimping tools

Mechanical crimping tools

Hydraulic crimping tools

Battery crimping tools

Dies

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E20 NANO Electro-hydraulic crimping tools 18.0 V

Series
20

complete
with
matrices



Description :

Model E20 NANO

Die series 20 Snap-on head
Weight 1.84 kg
Piston stroke 10 mm
Working range
Al. DIN 16-150 mm²
Al thin wall 25-185 mm² Cu standard 6-240 mm²
Cu DIN 10-185 mm²
Pressing up to 5 seconds
Operating pressure 700 bar
Pressure 35 kN
360 degree rotatable head
Biodegradable oil

Operating range -20 to +40 degrees C

Height 345x90x85 mm

Power supply :

Makita Li-Ion 18.0 V, 2.0 Ah battery charger with active cooling system: cools down the battery during charging thanks to the built-in fan
Battery type: Lithium Ion/LI-Ion
Battery capacities: 1.3-5.0 (2.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse
Manual / automatic piston return Stop scissor operation / piston return - immediate LED work area illumination - 2 LEDs Single-stage pump (single-stage clamping) Composite handle
Handle for attaching to belt or suspension

The set includes :

Cordless press E20 NANO
Charger Makita
Battery E18/2.0 - capacity 2.0Ah ,

Plastic carrying case
Operating instructions

Dies 6-240 mm² - 13 pieces included

Code 6-7-8-10-12-14-16-18-19-20-22-23-25

Options :

Additional battery Power adapter Choice of masters
Milwaukee battery adapter

Description of photographs

1. Handy handle to hold the tool
2. Composite handle
3. Metal piston return button
4. Display with battery status and number of pressings performed
5. Night mode - workplace lighting standard
6. Snap-on swivel head
- 7-8 Charger and 18V 2.0 Ah battery as standard





P20 Mechanical crimping tools

Series 20



complete with
matrices



P20 model

Die series 20 Snap-on head

Weight 2.7 kg

Piston stroke 15 mm

Operating range

Al. DIN 16-150 ^{mm2}

Al thin wall 25-185 ^{mm2}

Cu standard 6-240 ^{mm2}

Cu DIN 10-185 ^{mm2}

Pressure of 35 kN

360 degree rotatable head

Height 420-590 mm

Dies 6-240 mm² - 13 pieces included

Code 6-7-8-10-12-14-16-18-19-20-22-23-25

Matrices for a range of cordless, mechanical tools in the working range 6-240 ^{mm2} thrust 35 kN

Series 20

Series 20



	Featured	Cu standard	CU DIN	AL. DIN	AL. thin-walled
M20/6	6	6	10		
M20/7	7	10			
M20/8	8	16	16		
M20/9	9				16
M20/10	10	25	25		25
M20/12	12	35	35	16-25	35
M20/14	14	50	50	35	50
M20/16	16	70	70	50	70
M20/18	18	95	95	70	95
M20/19	19	120			
M20/20	20		120		120
M20/22	22	150	150	95-120	150
M20/23	23	185			185
M20/25	25	240	185	150	

MT20/25 tram terminals crimp dies 25 mm²

MT20/35 tram terminals crimp dies 35 mm²

MT20/50 tram terminals crimp dies 50 mm²



E21 MINI Electro-hydraulic crimping tools 18.0 V

complete
with
matrix



Series
21

Description :

Model E21 MINI

Matrix series 21 Clip-on head

Weight 2.9 kg

Piston stroke 14 mm

Operating range

Al. DIN 16-150 ^{mm²}

Al thin wall 25-185 ^{mm²}

Cu standard 16-240 ^{mm²}

Cu DIN 16-185 ^{mm²}

Pressing 2-5 seconds

Operating pressure 700 bar

Pressure 50 kN

360 degree rotatable head

Biodegradable oil

Operating range -20 to +40 degrees C

Height 432x124x75 mm

Power supply :

Makita Li-Ion 18.0 V, 2.0 Ah battery charger with active cooling system:

cools down the battery during charging thanks to the built-in fan

Battery type: Lithium Ion/LI-Ion

Battery capacities: 1.3-5.0 (2.0 Ah battery standard)

Charging time: approx. 22 min

Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse

Manual / automatic piston return Stop scissor operation / piston return - immediate

Optional workplace illumination (Night mode) Two-stage pump (idle, high pressure) Composite handle

Handle for attaching to belt or suspension

The set includes :

E21 MINI cordless power press , Makita charger

Battery E18/2.0 - capacity 2.0Ah , Plastic carrying case

Operating instructions

16-240 mm² dies included

7 pieces - 11 dimensions - 4 double-sided , 3 single-sided

Code 8-10-12-14-16-18-19-20-22-23-25

Options :

Additional battery Power

adapter

Choice of additional matrixes

Milwaukee battery adapter

Description of photographs

1. Handy grip for holding the tool
2. Composite handle
3. Handle for attaching to belt or suspension
4. Display with battery status and number of pressings performed
5. Night mode - workplace illumination (optional)
6. Snap-on swivel head
7. Powerful 18V 2.0 Ah battery as standard
8. Reputable Makita charger included





H21 Hydraulic crimping tools

Series 21

complete with
matrices



Model H21

Die series 21 Clip-on head
Weight 2.4 kg
Piston stroke 15 mm
Operating range
Al. DIN 16-150 ^{mm²}
Al thin wall 25-185 ^{mm²}
Cu standard 16-240 ^{mm²}
Cu DIN 16-185 ^{mm²}
Pressure of 52 kN
360 degree rotatable head

Two-stage pump (idle, high pressure)

The set includes :

Hydraulic press H21
Plastic carrying case
Instruction manual

16-240 mm² dies included

7 pieces - 11 dimensions - 4 double-sided , 3 single-sided
Code 8-10-12-14-16-18-19-20-22-23-25

Matrices for a range of cordless , hydraulic tools series 21 in the working range 6-240 ^{mm²}
contact force 52 kN - some ranges double-sided matrix

Series 21

Series 21



	Featured	Cu standard	CU DIN	AL DIN	AL thin-walled
M21/8	8	16	16		
M21/10	10	25	25		25
M21/12	12	35	35	16-25	35
M21/14	14	50	50	35	50
M21/16	16	70	70	50	70
M21/18	18	95	95	70	95
M21/19	19	120			
M21/20	20		120		120
M21/22	22	150	150	95-120	150
M21/23	23	185			185
M21/25	25	240	185	150	

Die configuration

M21/8-10	double-sided matrix
M21/12-20	double-sided matrix
M21/14-19	double-sided matrix
M21/16-18	double-sided matrix
M21/22	single-sided die
M21/23	single-sided die
M21/25	single-sided die



E22 MINI Electro-hydraulic crimping tools 18.0 V

Series
22



Model E22 MINI

Dies series 22 Clip-on head
Weight 3.9 kg
Piston stroke 17 mm

Operating range

Al. 6-300 mm²
Cu 6-300 mm²

Pressing 2-5 seconds
Operating pressure 700 bar
Pressure 60 kN
360 degree rotatable head
Biodegradable oil

Operating range -20 to +40 degrees C

Height 428x134x75 mm

Power supply :

Makita Li-Ion 18.0 V, 2.0 Ah battery charger with active cooling system:
cools the battery during charging thanks to a built-in fan
Battery type: Lithium Ion/Li-Ion
Battery capacities: 1.3-5.0 (2.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse

Manual / automatic piston return Stop scissor operation / piston return - immediate
Optional workplace illumination (Night mode) Two-stage pump (idle, high pressure) Composite handle
Handle for attaching to belt or suspension

The set includes :

E22 MINI cordless power press
Makita charger
Makita E18/2.0 battery - capacity 2.0 Ah ,
Plastic carrying case
Operating instructions

Options :

Additional battery
Power adapter
Battery adapter Milwaukee

Dies (page 116)

Description of photographs

1. Handy handle to hold the tool
2. Composite handle
3. Handle for attaching to belt or suspension
4. Display with battery status and number of pressings performed
5. Night mode - workplace illumination (optional)
6. Snap-on swivel head
7. Powerful 18V 1.5 Ah battery as standard
8. Reputable Makita charger included





E22 NANO Electro-hydraulic crimping tools 18.0 V

Series
22



Model E22 NANO

Dies series 22 Clip-on head

Weight 2.55 kg

Piston stroke 17 mm

Working range

Al. 6-300 mm²

Cu 6-300 mm²

Pressing 2-8 seconds

Operating pressure 700 bar

Pressure 60 kN

360 degree rotatable head

Biodegradable oil

Operating range -20 to +40 degrees C

Height 355x95x85 mm

Power supply :

Makita Li-Ion 18.0 V, 2.0 Ah battery charger with

active cooling system:

cools down the battery during charging thanks to the built-in fan

Battery type: Lithium Ion/Li-Ion

Battery capacities: 1.3-5.0 (2.0 Ah battery standard)

Charging time: approx. 22 min

Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse

Manual / automatic piston return Stop scissor

operation / piston return - immediate LED work area

illumination - 2 LEDs Single-stage pump (single-stage

clamping) Composite handle

Handle for attaching to belt or suspension

The set includes :

Cordless press E22 NANO

Charger Makita

Makita E18/2.0 battery - capacity 2.0 Ah ,

Plastic carrying case

Operating instructions

Set without masters - optional selection

Options :

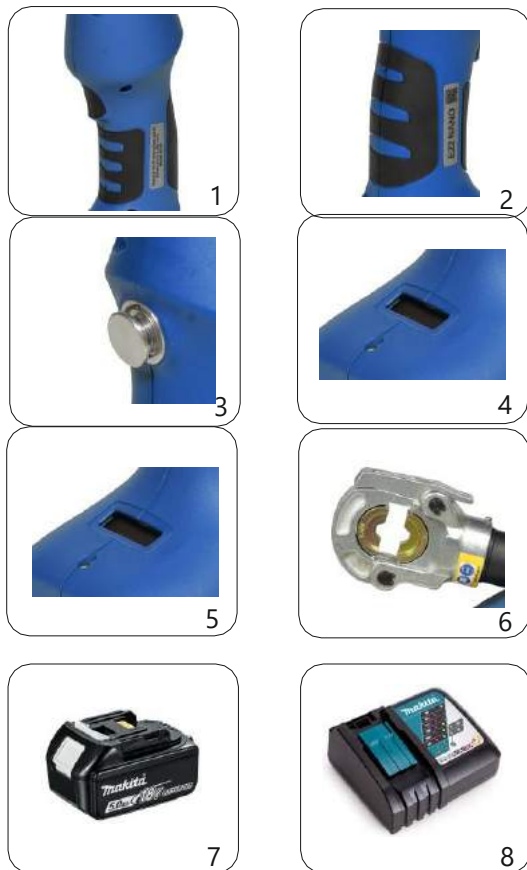
Additional battery

Power adapter

Battery adapter Milwaukee

Dies (page 116)

Description of photographs



1. Handy handle to hold the tool
2. Composite handle
3. Metal piston return button
4. Display with battery status and number of pressings performed
5. Night mode - workplace lighting standard
6. Snap-on swivel head
- 7-8 Charger and 18V 2.0 Ah battery as standard



E22 U Multitool crimping + cutting

Series
22



Model E22 U

Press 22 dies series
Crimping + cutting head
Weight 3.4 kg
Operating range
Crimping **Al/Cu6-240 mm²**
Cutting **Al/Cu cables 30 mm**
Pressing/cutting 2-5 seconds
Working pressure 700 bar
Pressure of 50 kN
360 degree rotatable head
Biodegradable oil

Operating range -20 to +40 degrees C

Height 363x119x75 mm

Power supply :

Makita Li-Ion 18.0V, 2.0Ah battery charger with active cooling system:
cools down the battery during charging thanks to the built-in fan
Battery type: Lithium Ion/LI-Ion
Battery capacities: 1.3-5.0 (2.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse

Manual / automatic piston return Stop scissor operation / piston return - immediate
Optional workplace illumination (Night mode) Two-stage pump (idle, high pressure) Composite handle
Handle for attaching to belt or suspension

The set includes :

Multifunction machine E22 U
Press-on adapter with dies series 22 Adaptor for Al/Cu cable cutting
Makita charger
Rechargeable battery E18/2.0 - capacity 2.0 Ah , Plastic carrying case
Operating instructions



view of the device
with press head

view of machine
with cutting head



adapter for pressing

Al/Cu cutting
adapter

Options :

Additional battery
Battery adapter Milwaukee Matrices
Dies series 22 (page 116)



E22 S Multitool crimping + cutting

NOWY
produkt



Press head
included

Al/Cu
cutting head
included



adapter for
crimping

Al/Cu
cutting
adapter

Model E22 S

Crimping dies 22 series
Crimping +cutting head
Weight 3.9 kg
Operating range
Crimping Al/Cu 6-240 mm²
Cutting Al/Cu cables 30 mm
Crimping /cutting 2-5 seconds
Working pressure 700 bar
Pressure 60 kN
360 degree rotatable head
Biodegradable oil

Operating range -20 to +40 degrees C

Height 450x81x128 mm

Power supply :

Makita Li-Ion 18.0V, 5.0Ah battery charger with active cooling system:
cools down the battery during charging thanks to the built-in fan
Battery type: Lithium Ion/LI-Ion
Battery capacities: 1.3-5.0 (5.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings

Automatic pressure fuse
Manual / automatic piston return Stop cutting operation / piston return - immediate
Optional workplace illumination (Night mode)
Two-stage pump (idle, high pressure)
Composite handle
Handle for attaching to belt or suspension

The set includes :

Multifunction tools E22 S
Crimping adapter with dies series 22
Adapter for Al/Cu cable cutting
Makita charger
Rechargeable battery E18/5 - capacity 5.0 Ah ,
Plastic carrying case
Operating instructions

Options :

Dies series 22 (page 116)

Series
22



E22 Electro-hydraulic crimping tools 18.0 V



Series
22

Model E22

Dies series 22
Clip-on head
Weight 4.0 kg
Piston stroke 17 mm

Operating range

Al. 6-300 mm²

CU 6-300 mm²

Pressing 2-5 seconds
Operating pressure 700 bar
Pressure 60 kN
360 degree rotatable head
Biodegradable oil

Operating range -20 to +40 degrees C

Height 280x70x290 mm

Power supply :

Makita Li-Ion 18.0 V, 5.0 Ah battery charger with active cooling system:
cools down the battery during charging thanks to the built-in fan
Battery type: Lithium Ion/LI-Ion
Battery capacities: 1.3-5.0 (5.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse

Manual / automatic piston return Stop scissor operation / piston return - immediate LED lighting of the work area (Night mode)
Two-stage pump (idle, high pressure) Composite handle
Handle for attaching to belt or suspension

The set includes :

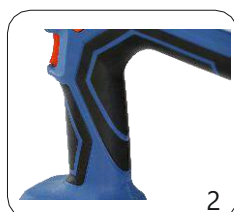
Makita cordless press E22 charger
Makita E18/5 rechargeable battery - capacity 5.0 Ah ,
Plastic carrying case
Operating instructions

Options :

Additional battery
Power adapter
Battery adapter Milwaukee Matrices
Dies series 22 (page 116)

Description of photographs

1. Bright - easily visible START - STOP button
2. Composite handle
3. Handle for attaching to belt or suspension
4. Display with battery status and number of pressings performed
5. Night mode - workplace illumination
6. Snap-on swivel head
7. Powerful 18V 5.0 Ah battery as standard
8. Reputable Makita charger included





E22 UNI Multifunction tool crimping and cutting Al/Cu/ACSR

Series
22



Model E22 UNI

Multifunctional tool
Crimping dies 22 series
Crimping and cutting head
Weight 4.5 kg
Operating range
Crimping range 6-240 mm²
Cutting range Al/Cu/ACSR 40 mm
Operating pressure 700 bar
Pressure 60 kN
Crimping/cutting 2-5 seconds
Rotating head 360 degrees
Biodegradable oil

Operating range -20 to +40 degrees C

Height 590x90x510 mm

Power supply :

Makita Li-Ion 18.0 V, 5.0 Ah battery charger with active cooling system:
cools down the battery during charging thanks to the built-in fan

Battery type: Lithium Ion/LI-Ion

Battery capacities: 1.3-5.0 (5.0 Ah battery standard)

Charging time: approx. 22 min

Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse

Manual / automatic piston return Stop scissor operation / piston return - immediate LED lighting of the work area (Night mode)

Two-stage pump (idle, high pressure) Composite handle
Handle for attaching to belt or suspension

The set includes :

Multifunction tools E22 UNI

adapter crimping dies

adapter ACSR conductors cutting

adapter Al/Cu cable cutting

Makita charger

Makita E18/5 rechargeable battery - capacity 5.0 Ah ,

Plastic carrying case

Operating instructions



Adapter do zaprasowania 6-300 mm²



Adapter do zaprasowania z matrycą do Cu



Adapter do cięcia kablu Al/Cu



Otwarta głowica
z adapterem do cięcia
przewodów ACSR (AFL)



Options :

Additional battery

Adapter for punching holes max Ø 64 mm (UNI 64)

Mains adapter

Battery adapter Milwaukee

Dies series 22 (page 116)



E22 UNI MINI Multifunction tool crimping and cutting Al/Cu/ACSR

Series
22



Model E22 UNI

Multifunctional tool
Crimping dies 22 series
Crimping and cutting head
Weight 3.5 kg
Operating range
Crimping range 6-240 mm²
Cutting range Al/Cu/ACSR 25 mm
Operating pressure 700 bar
Pressure 60 kN
Crimping/cutting 2-5 seconds
Rotating head 360 degrees
Biodegradable oil

Pressing/cutting 2-5 seconds

Working pressure 700 bar
Pressure 60 kN
360 degree rotatable head
Biodegradable oil
Operating range -20 to +40 degrees C

Height 590x140x510 mm

Power supply :

Makita Li-Ion 18.0V, 2.0Ah battery charger with active cooling system:
cools the battery during charging thanks to a built-in fan
Battery type: Lithium Ion/Li-Ion
Battery capacities: 1.3-5.0 (2.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings

Automatic pressure fuse
Manual / automatic piston return Stop cutter operation / piston return - immediate
Optional workplace illumination (Night mode) Two-stage pump (idle, high pressure) Composite handle
Handle for attaching to belt or suspension

The set includes :

Multifunctional unit E22 UNI MINI
adapter crimping dies
adapter ACSR conductors cutting
adapter Al/Cu cable cutting
Makita charger
Makita E18/5 rechargeable battery - capacity 2.0 Ah ,
Plastic carrying case
Operating instructions

Options :

Additional battery
Power adapter
Battery adapter Milwaukee

Dies serie 22 (page 116)





E22 UNI NANO Multifunction tool crimping and cutting Al/Cu/ACSR

**NOWY
produkt**



**Series
22**

Model E22 UNI NANO

Multifunctional tool
Crimping dies 22 series
Crimping and cutting head
Weight 2,94 kg
Operating range
Crimping range 6-240 mm²
Cutting range Al/Cu/ACSR 25 mm
Operating pressure 700 bar
Pressure 60 kN
Crimping/cutting 2-5 seconds
Rotating head 360 degrees
Biodegradable oil

Operating range -20 to +40 degrees C

Height 415x95x85 mm

Power supply :

Makita Li-Ion 18.0V, 2.0Ah battery charger with active cooling system:
cools down the battery during charging thanks to the built-in fan
Battery type: Lithium Ion/Li-Ion
Battery capacities: 1.3-5.0 (2.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse
Manual / automatic piston return Stop scissor operation / piston return - immediate LED work area illumination - 2 LEDs Single-stage pump (single-stage clamping) Composite handle
Handle for attaching to belt or suspension

The set includes :

Multifunctional unit E22 UNI MINI
adapter crimping dies
adapter ACSR conductors cutting
adapter Al/Cu cable cutting
Makita charger
Makita E18/5 rechargeable battery - capacity 2.0 Ah ,
Plastic carrying case
Operating instructions

Options :

Additional battery
Power adapter
Battery adapter Milwaukee

Dies series 22 (page 116)





P22 Mechanical crimping tools



Model P22

Dies series 22
Clip-on head
Weight 3.9 kg
Operating range
Al. 10-300 ^{mm²}
Cu 6-300 ^{mm²}
Gearbox for increasing the pressing force
Pressure 60 kN

Series
22

Height 560-860 mm (extendable handles) 360 degree rotatable head

Set contains: Press, carrying case, instruction manual

Optionally selectable matrices(page 116)



Matrices for Cu
Al matrices Notching matrices
Sector conductor transformation masters
Insulated connector masters

P300 Mechanical crimping tools



Model P300

Dies series 22
Snap-on head
Weight 3.9 kg
Operating range
Al. 10-300 ^{mm²}
Cu 6-300 ^{mm²}
Gearbox for increasing the pressing force
Pressure 60 kN

Series
22

Height 560-860 mm (extendable handles) 360 degree rotatable head

Set contains: Press, carrying case, instruction manual

Optionally selectable masters (page 116)



Dies for Cu Dies for Al
Dies for crimping
Sector conductor transformation masters
Insulated connector masters

Box M



Plastic box
Dedicated for 22 and 23 series dies
Dedicated for **22 dies** Weight 0.5 kg

M20 box for 22 masters - series 22 / 23



G22 Hydraulic crimping head



Model G22

Hydraulic crimping head

Die series 22

Snap-on head

Weight 2.7 kg

Working range Al. 10-300 mm² Cu 6-300 mm²

Operating pressure 700 bar

Pressure 63 kN

Required oil capacity 15 cc

Biodegradable oil

Operating range -20 to +40 degrees C

Height 209 mm

Works with all Electra 700 bar pumps (page 173-176)

Option - 22 series matrices (page 116)

Series
22

H22 Hydraulic crimping tools



Model H22

Hydraulic crimping tools

Dies series 22

Snap-on head

Weight 4.0 kg

Working range Al. 10-300 mm² Cu 6-300 mm²

Operating pressure 700 bar

Pressure 61 kN

Manual/automatic piston return

Two-stage pump (idle, high pressure)

Set contains: Press, carrying case, instruction manual

Option - 22 series masters(page 116)

Series
22



Dies for a range of hydraulic , battery , mechanical tools in the working range 6-300 mm²
 Pressure 60 kN
 Dedicated to hydraulic pressures of 700 ba

22

Series 22

Dies for Cu standard



MR 22/6	6 mm ²
MR 22/10	10 mm ²
MR 22/16	16 mm ²
MR 22/25	25 mm ²
MR 22/35	35 mm ²
MR 22/50	50 mm ²
MR 22/70	70 mm ²
MR 22/95	95 mm ²
MR 22/120	120 mm ²
MR 22/150	150 mm ²
MR 22/185	185 mm ²
MR 22/240	240 mm ²
MR 22/300	300 mm ²

Dies AL DIN standard



MA 22/10	10 mm ²
MA 22/16-25	16-25 mm ²
MA 22/35	35 mm ²
MA 22/50	50 mm ²
MA 22/70	70 mm ²
MA 22/95-120	95-120 mm ²
MA 22/150	150 mm ²
MA 22/185	185 mm ²
MA 22/240	240 mm ²
MA 22/300	300 mm ²

Dies for Cu DIN standard



MD 22/6	6 mm ²
MD 22/10	10 mm ²
MD 22/16	16 mm ²
MD 22/25	25 mm ²
MD 22/35	35 mm ²
MD 22/50	50 mm ²
MD 22/70	70 mm ²
MD 22/95	95 mm ²
MD 22/120	120 mm ²
MD 22/150	150 mm ²
MD 22/185	185 mm ²
MD 22/240	240 mm ²

Dies for thin-walled aluminium terminals and connectors



MC 22/16	16 mm ²
MC 22/25	25 mm ²
MC 22/35	35 mm ²
MC 22/50	50 mm ²
MC 22/70	70 mm ²
MC 22/95	95 mm ²
MC 22/120	120 mm ²
MC 22/150	150 mm ²
MC 22/185	185 mm ²
MC 22/240	240 mm ²

Dies for the transformation of the sector



MRu 22/10	10 mm ²
MRu 22/16	16 mm ²
MRu 22/35-25	35-25 mm ²
MRu 22/50-35	50-35 mm ²
MRu 22/70-50	70-50 mm ²
MRu 22/95-70	95-70 mm ²
MRu 22/120-95	120-95 mm ²
MRu 22/150-120	150-120 mm ²
MRu 22/185-150	185-150 mm ²
MRu 22/240-185	240-185 mm ²
MRu 22/300-240	300-240 mm ²

Notching Dies for AL connectors.



MK 22/16	16 mm ²
MK 22/25	25 mm ²
MK 22/35	35 mm ²
MK 22/50	50 mm ²
MK 22/70	70 mm ²
MK 22/95	95 mm ²
MK 22/120	120 mm ²



Master box
Model M20
 Dedicated for 22 dies
 Sold as an option



G23 Hydraulic crimping head



Model G23

Hydraulic die head

23 Series "C" die

head Weight 4.3 kg

Working range

Al. 10-400 mm²

Cu 6-400 mm²

Head clearance 42 mm

Operating pressure 700 bar

Pressure 130 kN

Required oil capacity 47 cc

Biodegradable oil

Operating range -20 to +40 degrees C

Height 260 mm

Works with all Electra 700 bar pumps (page 173-176)

Option - 23 series matrices (page 119)

Series
23

H23 Hydraulic crimping tools



Model H23

Hydraulic press die series 23

Type "C" head

Weight 6.1 kg

Working range

Al. 10-400 mm²

Cu 6-400 mm²

Head clearance 26 mm

Operating pressure 700 bar

Pressure 130 kN

Manual/automatic piston return

Two-stage pump (idle, high pressure)

Includes: press, carrying case, instruction manual

Set contains: Press, carrying case, instruction manual

Option - 23 series matrices page 119

Series
23



E23 Electro-hydraulic crimping tools 18.0 V

Series
23



Model E23

Die series 23
Type C head
Weight 6.8 kg
Piston stroke 42 mm

Working range

Al. 10-400 mm² , Cu 10-400 mm²

Head clearance 42 mm
Pressing 2-5 seconds
Operating pressure 700 bar
Pressure 130 kN
360 degree rotatable head
Biodegradable oil

Operating range -20 to +40 degrees C

Height 440x70x280 mm

Power supply :

Makita Li-Ion 18.0 V, 5.0 Ah battery charger with active cooling system:
cools the battery during charging thanks to the built-in fan
Battery type: Lithium Ion/LI-Ion
Battery capacities: 1.3-5.0 (5.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V

LED indication of battery charge status LED panel with battery data and number of pressings

Automatic pressure fuse
Manual / automatic piston return Stop scissor operation / piston return - immediate LED lighting of the work area (Night mode)
Two-stage pump (idle, high pressure) Composite handle
Handle for attaching to belt or suspension

The set includes :

Battery tools E23 , Makita charger , Rechargeable battery E18/5 - capacity 5.0 Ah , Plastic carrying case
Operating instructions

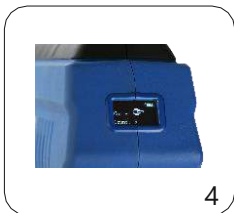
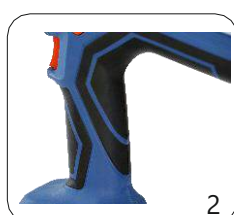
Options :

Additional battery
Battery adapter Milwaukee

Dies series 23 (page 119)

Description of photographs

1. Bright - easily visible START - STOP button
2. Composite handle
3. Handle for attaching to belt or suspension
4. Display with battery status and number of pressings performed
5. Night mode - workplace illumination
6. Type C swivel head
7. Powerful 18V 5.0 Ah battery as standard
8. Reputable Makita charger included





Dies for a range of hydraulic , rechargeable tools in the 6-400 mm² working range
Pressure 130 kN
Dedicated to hydraulic pressures of 700 bar

Series 23

Dies for Cu standard



MR 23/10	10 mm ²
MR 23/16	16 mm ²
MR 23/25	25 mm ²
MR 23/35	35 mm ²
MR 23/50	50 mm ²
MR 23/70	70 mm ²
MR 23/95	95 mm ²
MR 23/120	120 mm ²
MR 23/150	150 mm ²
MR 23/185	185 mm ²
MR 23/240	240 mm ²
MR 23/300	300 mm ²
MR 23/400	400 mm ²

Dies AL DIN standard



HAS 23/10	10 mm ²
H A S	16-25 mm ²
23/16-25 HAS	35 mm ²
23/35 H A S	50 mm ²
23/50 HAS	70 mm ²
23/70 HAS	95-120 mm ²
23/95-120	150 mm ²
HAS 23/150	185 mm ²
HAS 23/185	240 mm ²
HAS 23/240	300 mm ²
HAS 23/300	400 mm ²
HAS 23/400	

Dies for Cu standard



MD 23/10	10 mm ²
MD 23/16	16 mm ²
MD 23/25	25 mm ²
MD 23/35	35 mm ²
MD 23/50	50 mm ²
MD 23/70	70 mm ²
MD 23/95	95 mm ²
MD 23/120	120 mm ²
MD 23/150	150 mm ²
MD 23/185	185 mm ²
MD 23/240	240 mm ²
MD 23/300	300 mm ²

Dies ACSR - aluminium and steel tube



MB 23/9	AFL 6-16
MB 23/12	AFL 6-25
MB 23/13.5	AFL 6-35
MB 23/15	AFL 6-50
MB 23/22B	AFL 6-70 ; 6-95
MB23/26B	AFL 6-120 , 1,7-50
MB23/5	AFL 6-16 ; 6-25
MB23/5,5	AFL 6-35
MB23/7	AFL 6-50
MB23/8,5	AFL 6-70
MB23/10	AFL 6-95 ; 6-120 ; 1,7-35 AFL
MB23/11,5	1,7-50 , 6-120

Dies for insulated connectors



ME 23/140	16 mm ²
ME 23/173	25-70 mm ²
ME 23/215	95-120 mm ²

Dies for the transformation of the sector



MRu 23/10	10 mm ²
MRu 23/16	16 mm ²
MRu 23/35-25	35-25 mm ²
MRu 23/50-35	50-35 mm ²
MRu 23/70-35	70-50 mm ²
MRu 23/95-50	95-70 mm ²
MRu 23/120-70	120-95 mm ²
MRu 23/150-120	150-120 mm ²
MRu 23/185-150	185-150 mm ²
MRu 23/240-185	240-185 mm ²
MRu 23/300-240	300-240 mm ²

Dies 23 adapter for G25 head

Adapter for G25 head for adaptation of 23 series dies max 400 mm²



Master box
Model M20
Dedicated for 22 dies Sold as an option





E24 Electro-hydraulic crimping tools 18.0 V

Series
24



Model E24

Die series 24
Type C head
Weight 9,5 kg
Piston stroke 50 mm
Working range
Al.DIN 10-500 mm² , Cu DIN 10-625 mm²

Pressing 2-5 seconds
Operating pressure 700 bar
Pressure 130 kN
360 degree rotatable head
Biodegradable oil
360 degree swivel head

Height 510x80x290 mm

Power supply :

Makita Li-Ion 18.0 V, 5.0 Ah battery charger with active cooling system: Battery type: Lithium Ion/LI-Ion
Battery capacities: 1.3-5.0 (5.0 Ah battery standard)
Charging time: approx. 22 min
Charger supply 230 V
LED indication of battery charge status LED panel with battery data and number of pressings Automatic pressure fuse
Manual / automatic piston return Stop scissor operation / piston return - immediate LED lighting of the work area (Night mode)
Two-stage pump (idle, high pressure) Composite handle
Handle for attaching to belt or suspension

The set includes :

Battery tools E24 , charger Makita
Rechargeable battery E18/5 - capacity 5.0 Ah ,
Plastic carrying case
Operating instructions

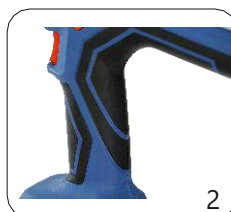
Possible sets :

E24/SET01 - press with cable dies 120-625 mm²

E24/SET02 - press with dies ACSR 6-16 to 6-240

Options :

Additional battery adapter for 23 series dies
Adapter for Milwaukee battery
Dies series 24 - page 121



Description of photographs

1. Bright - easily visible START - STOP button
2. Composite handle
3. Handle for attaching to belt or suspension
4. Display with battery status and number of pressings performed
5. M24 matrix for range 120-625 mm² (option)
6. Adapter for use of 23 series dies in the working range 10-400 mm²
7. Powerful 18V 5.0 Ah battery as standard
8. Reputable Makita charger included





G24 Hydraulic crimping head



Model G24

Hydraulic die 24 Series

Head series "C"

Weight 5.6 kg

Working range

Al.DIN 10-500 mm² , Cu DIN 10-625 mm²

Operating pressure 700 bar

Pressure 150 kN

Required oil capacity 68 cc

Biodegradable oil

Operating range -20 to +40 degrees C

Height 320 mm

Works with all Electra 700 bar pumps (page 173-176)

Options :

Option - M24 series dies as follows

G24/1 Adapter for 23 series dies (max 400 mm²)

Series
24

Dies for G24 hydraulic head and E24 cordless press in the working range 120-625 mm²

Dedicated to hydraulic pressures of 700 bar

Series 24

hydraulic head G24
battery tools E24



Adapter for use of 23
series dies for 150 kN head
model G24/1

DIN cable

		CU DIN	AL DIN
M24/20	Dies DIN standard	120 mm ²	
M24/22	Dies DIN standard	150 mm ²	95-120 mm ²
M24/25	Dies DIN standard	185 mm ²	150 mm ²
M24/28	Dies DIN standard	240 mm ²	185 mm ²
M24/32	Dies DIN standard	300 mm ²	240 mm ²
M24/34	Dies DIN standard		300 mm ²
M24/38	Dies DIN standard	400 mm ²	400 mm ²
M24/42	Dies DIN standard	500 mm ²	
M24/44	Dies DIN standard	625 mm ²	500 mm ²

Al sheath press.

M24/9B	9 mm	AFL 6-16
M24/12B	12 mm	AFL 6-25
M24/13.5B	13 mm	AFL 6-35
M24/15B	15 mm	AFL 6-50
M24/22B	22 mm	AFL 6-70 ; 6-95
M24/26B	26 mm	AFL 6-120 ; 6-150
M24/33B	33 mm	AFL 6-185 ; 6-240

Core pressing St

M24/5	5 mm	AFL 6-16 ; 6-25
M24/5,5	5.5 mm	AFL 6-35
M24/7	7 mm	AFL 6-50
M24/8,5	8.5 mm	AFL 6-70
M24/10	10 mm	AFL 6-95 ; 6-120
M24/11,5	11.5 mm	6-120
M24/14,5	14.5 mm	AFL 6-150 ; 6-185
M24/19	19 mm	AFL 6-240 ; 1.7-95

matrix for Cu DIN lugs and connectors

MD 23/10	10 mm ²
MD 23/16	16 mm ²
MD 23/25	25 mm ²
MD 23/35	35 mm ²
MD 23/50	50 mm ²
MD 23/70	70 mm ²
MD 23/95	95 mm ²

Die for Al. DIN terminals and connectors

MA 23/10	10 mm ²
MA 23/16-25	16-25 mm ²
MA 23/35	35 mm ²
MA 23/50	50 mm ²
MA 23/70	70 mm ²
MA 23/95-120	95-120 mm ²

Possibility to use the entire range of Series
23 dies (130 kN) with adapter



G25 Hydraulic crimping head



Model G25

Hydraulic Crimping Head

Dies series 25 series

Head "U"

Weight 5.6 kg

Working range

Al.DIN 10-500 mm² , Cu DIN 10-625 mm²

Operating pressure 700 bar

Pressure 250 kN

Required oil capacity 88 cc

Biodegradable oil

Operating range -20 to +40 degrees C

Height 320 mm

Options :

Option - 25 series matrices (page 123)

G25/1 Adapter for 23 series dies (max 400 mm²)

Recommended pumps (pages 173-174-175)



foot pump HP3



HP6 rechargeable pump



HP8 rechargeable pump

Series
25

G26 Hydraulic crimping head



Model G26

Hydraulic Crimping Head

Dies series 25 series

Head "U"

Weight 10,6 kg

Working range

Al.DIN 10-800 mm² , Cu DIN 10-1000 mm²

Operating pressure 700 bar

Pressure 450 kN

Required oil capacity 226 cc

Biodegradable oil

Operating range -20 to +40 degrees C

Height 285 mm

Options :

Option - 26 series matrices (page 124)

G26/1 Adapter for 23 series dies (max Cu 400 mm²)

Recommended pumps (pages 173-174-175)



foot pump HP3



HP6 rechargeable pump



HP8 rechargeable pump

Series
26



Series 25

Matrices for the G25 hydraulic head
 in the cable operating range DIN 6-625 ^{mm²} in the overhead line operating range AFL 6-240
 250 kN clamping force
 Dedicated to hydraulic pressures of 700 bar

Series 25 cable dies	Symbol	Application	Cu DIN 46235 Al. DIN 48201	
	M25/8	Dies	16 ^{mm²}	
	M25/10		25 ^{mm²}	10 ^{mm²}
	M25/12		35 ^{mm²}	16-25 ^{mm²}
	M25/14		50 ^{mm²}	35 ^{mm²}
	M25/16		70 ^{mm²}	50 ^{mm²}
	M25/18		95 ^{mm²}	70 ^{mm²}
	M25/20		120 ^{mm²}	
	M25/22		150 ^{mm²}	95-120 ^{mm²}
	M25/25		185 ^{mm²}	150 ^{mm²}
	M25/28		240 ^{mm²}	185 ^{mm²}
	M25/32		300 ^{mm²}	240 ^{mm²}
	M25/34			300 ^{mm²}
	M25/38		400 ^{mm²}	400 ^{mm²}
	M25/42		500 ^{mm²}	
	M25/44		625 ^{mm²}	500 ^{mm²}

Series 25 dies in lines overhead

ACSR crimping dies

	M25/9B	9 mm	AFL 6-16
	M25/12B	12 mm	AFL 6-25
	M25/13.5B	13 mm	AFL 6-35
	M25/15B	15 mm	AFL 6-50
	M25/22B	22 mm	AFL 6-70 ; 6-95 ; 1,2-35 ; 1,7-30 ; 1,7 50 ; 1,5-50
	M25/26B	26 mm	AFL 6-120 ; 6-150 ; 1,7-50
	M25/33B	33 mm	AFL 6-185 ; 6-210 ; 6-240
	M25/34B	34 mm	AFL 1.7-95

Core pressing St

	M25/5	5 mm	AFL 6-16 ; 6-25
	M25/5,5	5.5 mm	AFL 6-35
	M25/7	7 mm	AFL 6-50
	M25/8,5	8.5 mm	AFL 6-70
	M25/10	10 mm	AFL 6-95 ; 6-120 ; 1,7-35
	M25/11,5	11.5 mm	AFL 1,7-50 ; 6-120
	M25/14,5	14.5 mm	AFL 6-150 ; 6-185 ; 6-210 ; 1,2-35 ; 1,7-70 ; 1,5-50
	M25/19	19 mm	AFL 6-240 ; 1.7-95



Series 26

Matrices for the G26 hydraulic head in the DIN cable operating
 Range 16-1000 ^{mm²} in the AFL 8-525 overhead line operating range 450 kN clamping force
 Dedicated to hydraulic pressures of 700 bar

Series 26 cable dies	Symbol	Cu DIN 46235 Al. DIN 48201	
	M26/8	16 ^{mm²}	
	M26/10	25 ^{mm²}	10 ^{mm²}
	M26/12	35 ^{mm²}	16-25 ^{mm²}
	M26/14	50 ^{mm²}	35 ^{mm²}
	M26/16	70 ^{mm²}	50 ^{mm²}
	M26/18	95 ^{mm²}	70 ^{mm²}
	M26/20	120 ^{mm²}	
	M26/22	150 ^{mm²}	95-120 ^{mm²}
	M26/25	185 ^{mm²}	150 ^{mm²}
	M26/28	240 ^{mm²}	185 ^{mm²}

Series 26 dies in lines overhead	ACSR crimping dies		
	M26/9B	9 mm	AFL 6-16
	M26/12B	12 mm	AFL 6-25
	M26/13.5B	13 mm	AFL 6-35
	M26/15B	15 mm	AFL 6-50
	M26/22B	22 mm	AFL 6-70 ; 6-95 ; 1,2-35 ; 1,7-30 ; 1,7-50 ; 1,5-50
	M26/26B	26 mm	AFL 6-120 ; 6-150 ; 1,7-70
	M26/33B	33 mm	AFL 6-185 ; 6-210 ; 6-240
	M26/34B	34 mm	AFL 1,7-95
	M26/42B	42 mm	AFL 6-300 ; 8-350 ; 8-400
	M26/48B	48 mm	AFL 8-525
	M26/52.5B	52.5 mm	AL. 887
	M26/5	5 mm	AFL 6-16 ; 6-25
	M26/5,5	5.5 mm	AFL 6-35
	M26/7	7 mm	AFL 6-50
	M26/8,5	8.5 mm	AFL 6-70
	M26/10	10 mm	AFL 6-95 ; 6-120 ; 1,7-35
	M26/11,5	11.5 mm	AFL 1,7-50 , 6-120
	M26/14,5	14.5 mm	AFL 6-150 ; 6-185 ; 6-210 ; 1,2-35 ; 1,7-70 ; 1,5-50
	M26/19	19 mm	AFL 6-240 ; 6-300 ; 8-350 ; 1,7-95
	M26/22	22 mm	AFL 8-400 ; 8-525



G27 Hydraulic crimping head



Model G27

Hydraulic head

Series dies 27

Head "U"

Weight 31.4 kg

Working range

Al max hex 71 mm Cu max hex 64 mm St max hex 34 mm

1000 kN

Operating pressure 700 bar double hydraulic circuit

Pressure 1000 kN (100 tonnes)

Required oil capacity 315 cc

Biodegradable oil

Operating range -20 to +40 degrees C Height 364 mm

Option - 27 series matrices

HP14 , HP15 double-circuit pumps recommended (page 176-177)



Diesel pump HP15 Electric pump HP14

Matrices for the G27 hydraulic head
for work on overhead lines up to AFL 8-525 a clamping force
of 1000 kN dedicated for double circuit hydraulic pumps -
hydraulic pressures of 700 bar

27 series dies in lines
overhead

ACSR Crimping dies



M27/9B	9 mm	AFL 6-16
M27/12B	12 mm	AFL 6-25
M27/13.5B	13 mm	AFL 6-35
M27/15B	15 mm	AFL 6-50
M27/22B	22 mm	AFL 6-70 ; 6-95 ; 1,2-35 ; 1,7-30 ; 1,7-50 ; 1,5-50
M27/26B	26 mm	AFL 6-120 ; 6-150 ; 1,7-50
M27/33B	33 mm	AFL 6-185 ; 6-210 ; 6-240
M27/34B	34 mm	AFL 1,7-95
M27/42B	42 mm	AFL 6-300 ; AFL 8-350 ; AFL 8-400
M27/48B	48 mm	AFL 8-525
M27/52.5B	52.5 mm	AL 887

Core pressing St

M27/5	5 mm	AFL 6-16 ; 6-25
M27/5,5	5.5 mm	AFL 6-35
M27/7	7 mm	AFL 6-50
M27/8,5	8.5 mm	AFL 6-70
M27/10	10 mm	AFL 6-95 ; 6-120 ; 1,7-35
M27/11,5	11.5 mm	AFL 1,7-50 ; 6-120
M27/14,5	14.5 mm	AFL 6-150 ; 6-185 ; 6-210 ; 1,2-35 ; 1,7-70 ; 1,5-50
M27/19	19 mm	AFL 6-240 ; 1,7-95 ; 6-300 ; 8-350
M27/22	22 mm	AFL 8-400 ; 8-525



8120 Hydraulic crimping head



Model G27

Hydraulic head
Series dies 8120
Head "U"
Weight 52,0 kg
Working range
Al max hex 75 mm Cu max hex 72 mm St max hex 40 mm

Operating pressure 700 bar double hydraulic circuit
Pressure 1200 kN (120 tonnes)
Biodegradable oil
Operating range -20 to +40 degrees C

Options :

120 series matrices as follows
Operation only with CM8000 AND CM800 EF double-circuit oil pump



Matrices for hydraulic head P8120 for work on overhead lines up to AFL 8-525, contact force 1200 kN dedicated for double-circuit hydraulic pumps



Petrol pump



CM8000 Electric pump CM8000EF

Series 8120 dies in lines overhead

ACSR crimping dies



M8120/9B	9 mm	AFL 6-16
M8120/12B	12 mm	AFL 6-25
M8120/13.5B	13 mm	AFL 6-35
M8120/15B	15 mm	AFL 6-50
M8120/22B	22 mm	AFL 6-70 ; 6-95 ; 1,2-35 ; 1,7-30 ; 1,7-50 ; 1,5-50
M8120/26B	26 mm	AFL 6-120 ; 6-150 ; 1,7-70
M8120/33B	33 mm	AFL 6-185 ; 6-210 ; 6-240
M8120/34B	34 mm	AFL 1,7-95
M8120/42B	42 mm	AFL 6-300 ; 8-350 ; 8-400
M8120/48B	48 mm	AFL 8-525
M8120/52.5B	52.5 mm	AL 887
M8120/5	5 mm	AFL 6-16 ; 6-25
M8120/5,5	5.5 mm	AFL 6-35
M8120/7	7 mm	AFL 6-50
M8120/8,5	8.5 mm	AFL 6-70
M8120/10	10 mm	AFL 6-95 ; 6-120 ; 1,7-35
M8120/11,5	11.5 mm	AFL 1,7-50 ; 6-120
M8120/14,5	14.5 mm	AFL 6-150 ; 6-185 ; 6-210 ; 1,2-35 ; 1,7-70 ; 1,5-50
M8120/19	19 mm	AFL 6-240 ; 6-300 ; 8-350 ; 1,7-95
M8120/22	22 mm	AFL 8-400 ; 8-525