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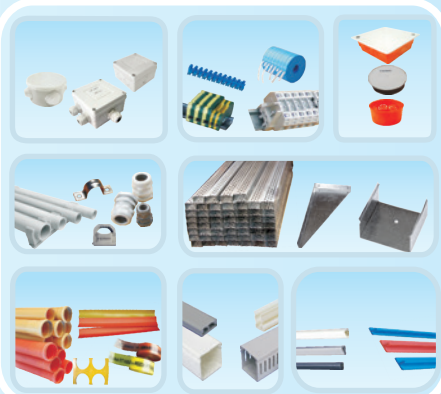
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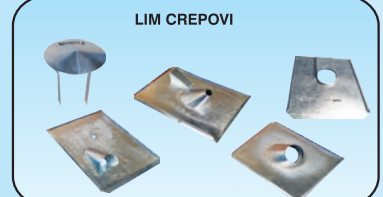
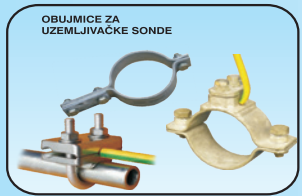
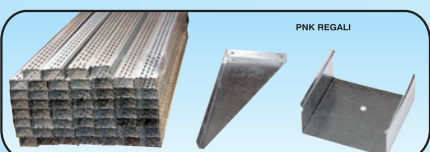
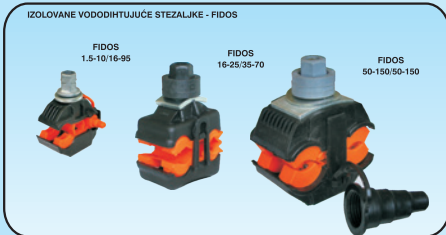


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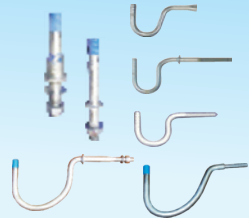
TABLICE I PLOČICE



SAMOLEPLJIVE PVC
TABLE (100x120)

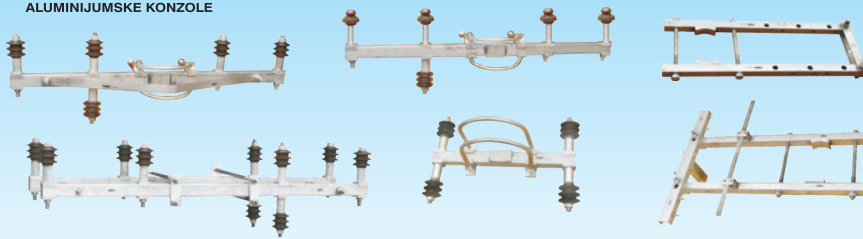


NISKONAPONSKI I VISOKONAPONSKI
NOSAČI IZOLATORA



*Kvalitet
pre svega*

ALUMINIJUMSKE KONZOLE



NEIZOLOVANE KABLOVSKE
STEZALJKE



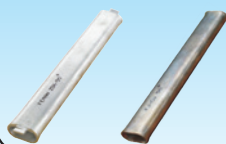
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NEIZOLOVANE SPOJNE
I REDUCIR ČAURE



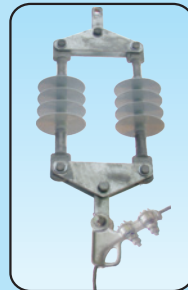
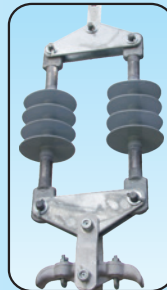
ZAREZNE SPOJNICE



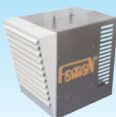
IZOLOVANE I NEIZOLOVANE
PAPUČICE



SILIKONSKI IZOLATORI SA LANCIMA ZA 10, 25 i 35kv



KALOFIFER



MAŠINA ZA NAMOTAVANJE KABLOVA
FMN 1000/1800



UREĐAJI ZA MEREENJE I
PREMOTAVANJE
FUP-12/1
FLP 1000/250



LINIJA ZA PREMOTAVANJE KABLOVA KOBMS 600/1200



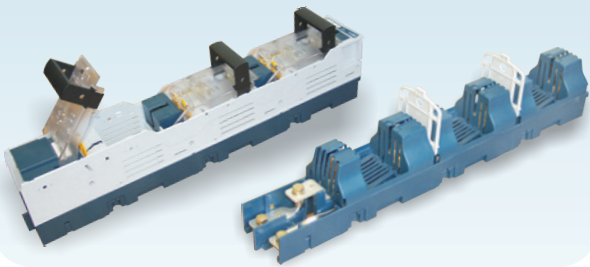
FSD-2600 UREĐAJ ZA
ODMOTAVANJE
KABLOVA



STACIONARNI I
RUČNI MERAC
DUŽINE



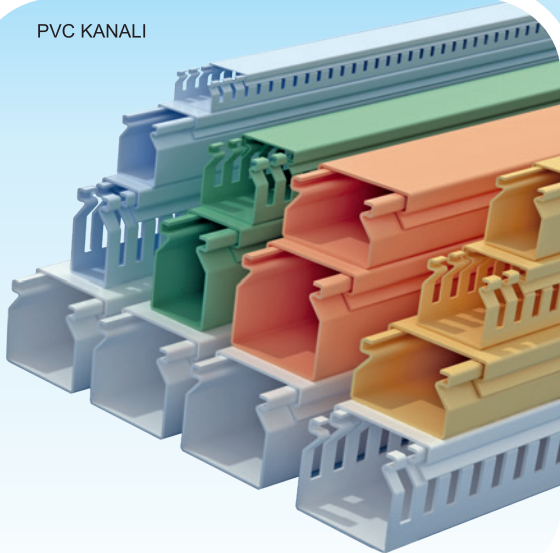
OSIGURAČKE LETVE - RASTAVLJAČI



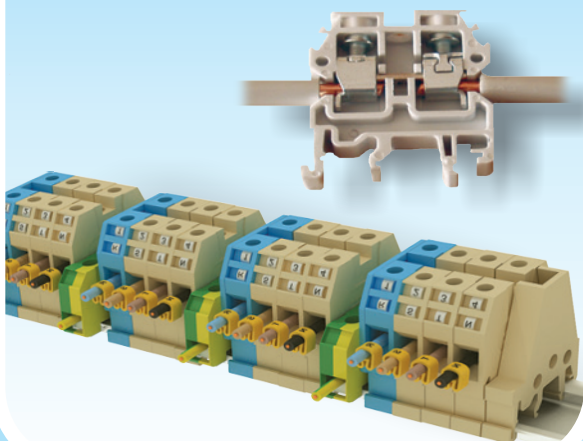
RAZVODNI ELEKTRO ORMANI I PREKIDAČI SNAGE



PVC KANALI



KLEME



HIDRAULIČNA KOMBINOVANA PUMPA FKPU-700D (700bar)



RUČNE MEHANIČKE PRESE FP-50 I FP-120



HIDRAULIČNA PRESA FPS-200



HIDRAULIČNA PRESA FCO-630



AUTOMATSKE HVATALJKE



HIDRAULIČNA GLAVA FHP-300



HIDRAULIČNA BUŠILICA FPB-20



RUČNE MAKAZE ZA GVOŽĐE I KABLOVE



HIDRAULIČNE MAKAZE FCPc-87A



HIDRAULIČNA GLAVA FS-240



RUČNA HIDRAULIČNA PRESA FTP-300



UNIVERZALNE ROLNE ZA POLAGANJE KABLOVA



KOTURČE ZA POSTAVLJANJE NN I SN SKS-a NA STUBOVE



RUČNA MEHANIČKA PRESA FP-185



ALAT ZA PROBIJANJE FAP-10



RUČNA MEHANIČKA PRESA FRP-300



FEMAN-ACCU HIDRAULIČNI ALATI



MANUAL AUTOMATIC CRIMPER FLY-03C

Use for hexagonal crimping of insulated cable terminals (groups 10, 11, 12, 14 and 16) of 0.5-6mm² diameter.

The crimper is automatic, meaning that it unlocks only when the crimp is finished, which secures a quality connection.

We recommend this type of crimper for professional use.



Length: 235 mm
Weight: 0.55 kg/ea.
Code number: 1500004



AUTOMATIC CRIMPER FLY-03B

Use for hexagonal crimping of open, non-insulated cable terminals (group 16) of diameter 0.75 - 6mm². Crimper is automatic, meaning that it unlocks only when the crimp is finished, which secures a quality connection. We recommend this type of crimper for professional use.



Length: 235 mm
Weight: 0.53 kg/ea.
Code number: 1500003



MANUAL CRIMPER RMK-10

Use for crimping insulated cable terminals (groups 10, 11, 12, 14, and 16) of 0.75-6 mm² diameter. There is the possibility of regulating the crimping pressure with this crimper. There are also built-in additions for stripping and cutting wires of 0.75-6 mm², and because of this, we recommend it for installers.



PIG-TAIL CRIMPER 0.5-6mm²FYS-02C0

Use for crimping insulated pig-tails of 0.5-6 mm², stripping and cutting wires, pierced crimping of 1.5-6 mm², as well as cutting bolts M2.5, M3, M3.5, M4 and M5.

Length: 250 mm
Weight: 0.38 kg/ea.
Code number: 1550702



MANUAL CRIMPER FKH-16

Use for crimping non-insulated copper terminals (FPG & FCPCu) and sleeves of 2-16 mm diameter.

Length: 275 mm
Weight: 0.47 kg/ea
Code number: 1500016



PIG-TAIL SET WITH UNIVERSAL CRIMPER FYS-02C0

Crimper used for crimping insulated pig-tail terminals of 0.5-6 mm², stripping and wire cutting, and for pierced crimping of diameters of 1.5-6 mm², as well as for bolt cutting of M2.5, M3, M3.5, M4 and M5. In addition to the crimper, the set includes 650 insulated pig-tail terminals of 0.5-6 mm² diameters.

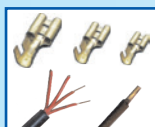
Length: 260mm
Weight: 0.56 kg/ea.
Code number: 1550701



MANUAL CRIMPER FOR NON-INSULATED TERMINALS FYS-02BM

Use for crimping open non-insulated terminals of 0.5-2.5 mm², pierced crimping of 1.5-6 mm², stripping and cutting of wires of 0.75-6 mm², and bolt cutting. Along with the crimper comes a limiter for various types of terminals.

Length: 250 mm
Weight: 0.37 kg/ea.
Code number: 1500205



CRIMPER AND SET OF TELEPHONE CONNECTORS (UTP) FHT-210A

Use for crimping UTP connectors. Crimper can also cut and strip wires.

Length: 210 mm
Weight: 0.30 kg/ea.
Code number: 1500210



MANUAL CRIMPER FRC-102

Universal hob crimper is used for crimping insulated terminals 0.75-6 mm², stripping and cutting of wires of 0.75-6 mm², and for cutting bolts.



Length: 200 mm
Weight: 0.2 kg/ea.
Code number: 1500102



CABLE CUTTER FLK-325 A

Use for cutting Al and Cu cables without steel covering up to 185 mm²

Length: 265 mm
Weight: 0.63 kg/ea.
Code number: 1510325



CABLE CUTTER (LARGER) FLK-60A

Use for cutting of aluminum and copper wires of up to 50mm².

Length: 235 mm
Weight: 0.48 kg/ea.
Code number: 1510060



ELECTRONICS WIRE CUTTER FLY-109

Use for telephone and electronics for shortening small diameter wires - up to ø 1 mm.

Length: 125 mm
Weight: 0.05 kg/ea.
Code number: 1510109



STRANDED WIRE CUTTERS FLY-206

Use for cutting flexible wires of small diameter up to \varnothing 18 mm.

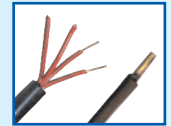
Length: 165 mm
Weight: 0.14 kg/ea.
Code number: 1510206



HOB STRIPPER FLY-5274

Use for stripping wires of 0.75-6 mm². Includes an addition for pierced crimping.

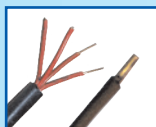
Length: 215 mm
Weight: 0.27 kg/ea.
Code number: 1520527



STRIPPER FOR REMOVING SHEATHING FLY-700 B

Use for stripping insulation from wires of 0.75-4 mm² diameter.

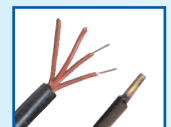
Length: 175 mm
Weight: 0.36 kg/ea.
Code number: 1520710



UNIVERSAL WIRE STRIPPER FLY-700 D

Use for stripping of wires of 0.2-8 mm², with a stripping length regulator of up to 25 mm. Includes an addition for wire cutting.

Length: 175 mm
Weight: 0.20 kg/ea.
Code number: 1520700



STRIPPER FOR COAXIAL CABLE FHT-320

Use to remove sheath from coaxial cables (RG 58, RG 59 and RF 75). Along with the stripper is supplied a hex wrench which regulates the depth of the cut to the sheathing. The stripper has two blades that permit the independent removal of the external and internal coat.

Length: 105 mm
Weight: 0.06 kg/ea.
Code number: 1520302



AUTOMATIC TIE GUN FLY-600 L

Use to tighten ties of widths up to 13 mm when wrapping and placing cable bundles. Has the possibility of regulating the jaw force, which permits the cutting off of the extra tie after reaching the indicated force.

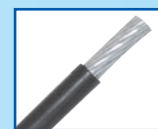
Length: 225 mm
Weight: 0.32 kg/ea.
Code number: 1550613



UNIVERSAL KNIFE FOR STRIPPING SHEATH FLY-25-6

Use to remove sheathing from cables of diameter up to $\varnothing 28\text{mm}$. The bolt in the lower part of the knife regulates, depending on the diameter of the cable.

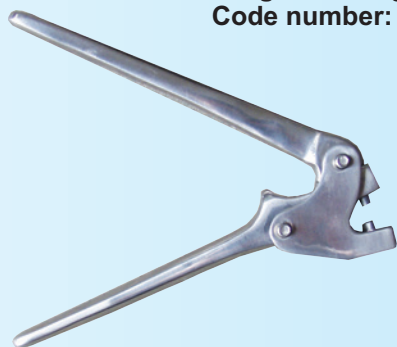
Length: 185 mm
Weight: 0.10 kg/ea.
Code number: 1520026



UNIVERSAL PLIERS FOR LEAD SEALS

Use for protection (lead seal) of metering groups, but also for all other locations where it is necessary to protect equipment from unauthorized opening.

Length: 175 mm
Weight: 0.46 kg/ea.
Code number: 1500300



TIE GUN - FLY-600

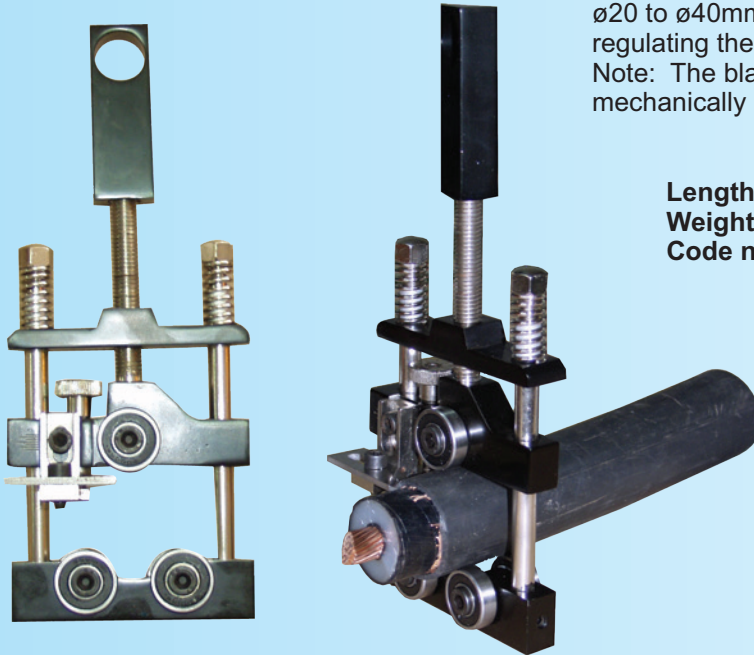
Use to tighten ties up to 5mm in width while wrapping and placing cables. Has the option of regulating the jaw force, which permits the cutting off of the extra tie after reaching the designated force.

Length: 165 mm
Weight: 0.24 kg/ea.
Code number: 1550600



CUTTER FOR REMOVING CABLE INSULATION AND SEMI-CONDUCTOR SHEATHING - FNSP-40

Use for removing insulation from the ends of cables and semi-conductor sheathing of from $\varnothing 20$ to $\varnothing 40$ mm. Includes a hex wrench for regulating the depth of the cut.
 Note: The blade is not intended for cutting of mechanically protected cables.



Length: 250 mm
Weight: 0.80 kg
Code number: 1850340

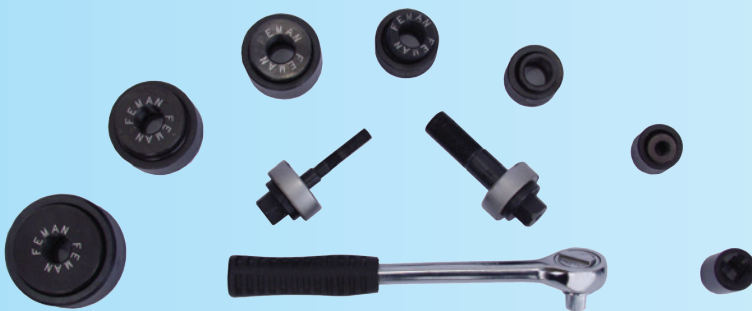
MANUAL HOLE CUTTER - FRAP-60 (SET)



This tool is intended for making holes in sheet metal in control boards - panels for entries, control instruments, lamps, switches, etc. Using FRAP-60 saves time, obtains great precision, quality and esthetic appearance. With the FRAP-60 tool sheet metal to a thickness of 2mm can be cut.

The FRAP-60 set contains:
 Round punches: $\varnothing 22$; $\varnothing 27.5$; $\varnothing 34.3$; $\varnothing 43$; $\varnothing 49$; $\varnothing 60.8$; small shaft, large shaft, driver and plastic carrying case.

Weight: 4.80 kg
Code number: 1800009



MANUAL REBAR CUTTER - FMA-800



Rebar cutter is used in construction for the cutting of iron for armatures. Made of very high quality steel with blades set so that they can be reversed which significantly extends the life of the cutter. It is intended for cutting soft rebar of up to $\varnothing 10$ in diameter, and hard rebar of up to $\varnothing 8$ in diameter.

Length: 900 mm
Weight: 5.3 kg
Code number: 1800800

MANUAL CUTTERS FOR Al AND Cu CABLES

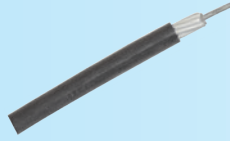


Code number	Designation	\varnothing cable mm	Length mm	Weight kg
1800040	FM- 40	28	700	3,20
1800450	FLK- 450	25	470	1,75
1801325	FLK- 325	40	1126	4,36

Angle cutting with these cutters is appropriate for cutting aluminum and copper cables. **Cutting of Al-steel ropes is forbidden for it would cause permanent damage to the blades.**

**MANUAL CUTTER FOR AI-STEEL CABLES
FM-154**

**MANUAL CUTTER FOR AI-STEEL CABLES
FRC-800**



The blades of these cutters are projected for cutting AI-steel wires. The angle blade is such that during cutting the strands of the wire are compacted and will not come apart. A wire end so cut is easy to pull into a connector sleeve.

Code number	Designation	Blade gauge for Al-Steel	Blade gauge for Fe	Cable maximum		Length mm	Weight kg
				ø	Diameter		
1800154	FM- 154	10	7	16	120	470	1,94
1800880	FRC 800	14	10	20	185	780	3,95

MANUAL CABLE CRIMPER - FP-50 C

MANUAL CABLE CRIMPER - FP-120 C



Manual cable crimper for hexagonal crimping of cable terminals and connectors of 6-50 mm², with a rotating tool

**Length: 384 mm
Weight: 1.5 kg
Code number: 180052**



Manual cable crimper for hexagonal crimping of cable terminals and connectors of 10 - 120 mm², with a rotating tool.

**Length: 650 mm
Weight: 4.1 kg
Code number: 1800122**

MANUAL MECHANICAL CRIMPER - FRP-300C



This crimper was developed on the basis of the perfection of FEMAN's manual mechanical crimpers, so that today it counts as the best manual mechanical crimper. The head of the crimper turns 360°, permitting crimping in all positions. The handles telescope, extending from 600 to 800 mm and depending on the length of the rod, significantly reduces the amount of pressure the installer needs to use on the handle during crimping. The handles are extended for work with larger diameters, and for smaller ones the standard handle length is sufficient. The crimper and crimping dies are packed in an appropriate metal carrying case.

Length: 510 mm
Weight: 8.04 kg
Code number: 1800299



Code number	Name of set
1800305	Metal case for crimper FRP-300 C and dies
1800301	Set FRP-300 C K1 (with crimper FRP-300 C and dies for Al, Cu and for threaded connectors)
1800302	Set FRP-300 C K2 (with crimper FRP-300 C, case and dies for Al 16-240 and Cu 10-300)
1800303	Set FRP-300 C K3 (with crimper FRP-300 C, case and dies for Al)
1800304	Set FRP-300 C K4 (with crimper FRP-300 C, case and dies for Cu)

DIES FOR CRIMPER FRP-300

Cable diameter mm ²	Code number of die for Cu gear	Code number of die for Al gear	Code number of die for threaded connect.	Code number of die for forming sect. cable	Code number of die for FID sleeves
10	1800310	-	-	1801901	1800325
16	1800311	1800341	1800361	1801902	1800325
25	1800312	1800342	1800362	1801903	1800325
35	1800313	1800343	1800363	1801904	1800325
50	1800314	1800344	1800364	1801905	1800327
70	1800315	1800345	1800365	1801906	1800327
95	1800316	1800346	1800366	1801907	-
120	1800317	1800347	-	1801908	-
150	1800318	1800348	-	1801909	-
185	1800319	1800349	-	1801910	-
240	1800320	1800350	-	1801911	-
300	1800321	-	-	1801912	-

MANUAL MECHANICAL CRIMPER - FP-185

Universal, thanks to its construction. Accepts dies for: Cu and Al connecting gear, threaded connectors, FID sleeves and for forming sector cables. The die head turns 360 degrees, permitting easy handling in any position. The telescoping handle extend from 600 to 860 mm. Practical for work in trenches, cabinets, on poles and everywhere that is difficult to approach.

Length: 590mm
Weight: 2.5 kg
Code number: 1801850



Code number	Name of set	Weight kg
1801859	Carrying case for crimper FP-185 and dies	4,90
1801851	Set FP-185 K1 (crimper FP-185 with dies for Al, Cu, threaded connectors and carrying case)	9,65
1801852	Set FP-185 K2 (crimper FP-185 with dies for Al, Cu and carrying case)	8,85
1801853	Dies for crimper FP-185 Cu set (10-185 mm ²)	0,80
1801854	Dies for crimper FP-185 Al set (16-185 mm ²)	0,65
1801855	Dies for crimper FP-185 threaded connectors set (25-95 mm ²)	0,80
1801856	Dies for crimper FP-185 for forming sector cable set	1,85

The carrying case is for packing the crimper with the set of dies and is made of sheet steel with divisions to hold the dies and the crimper. Has a carrying handle. The dimensions of the case are 60 x 610 x 300 mm

DIES FOR CRIMPER FP-185

Diameter of wire mm ²	Code number of die for Cu gear	Code number of die for Al gear	Code number of die for threaded connect.	Code number of die for forming sect. cable	Code number of die for FID sleeves
10	1801860	-	-	-	1801886
16	1801861	1801870	-	-	1801886
25	1801862	1801871	1801880	-	1801886
35	1801863	1801872	1801881	1801891	1801886
50	1801864	1801873	1801882	1801892	1801888
70	1801865	1801874	1801883	1801893	1801888
95	1801866	1801876	1801884	1801894	-
120	1801867	1801877	-	1801895	-
150	1801868	1801878	-	1801896	-
185	1801869	1801879	-	1801897	-
240	-	-	-	1801898	-

HYDRAULIC HOLE PUNCH HEAD - FAP-10



This hydraulic head is intended for punching holes in sheet metal in control boards - panels for entries, control instruments, lamps, switches, etc. Using FAP-10 saves time and obtains great precision, quality and esthetic appearance. With hydraulic head FAP-10 sheet metal to a thickness of 2.5 mm can be cut. To power this hydraulic head use FEMAN hydraulic pump FKPU-700D (pg.58), which like the dies, is ordered separately.

Weight: 3.39 kg
Code number: 1850102



SETS WITH TOOLS FOR PUNCHING SHEET METAL

Code number	Name of set	Weight kg
1800010	Manual tool for punching sheet metal - set (tools Pg11 - Pg 36)	1,70
1850100	Hydraulic tool for punching sheet metal - set (hydraulic head, carrying case with set of tools and pump)	21,01
1850101	Hydraulic tool for punching sheet metal (hydraulic head, carrying case with tools Pg 9- Pg 48)	10,81
1850105	Carrying case for tools for punching sheet metal	1,31

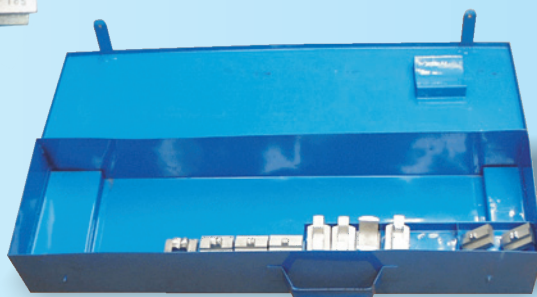
MANUAL HYDRAULIC CRIMPER - FTP-300



Intended for pierced crimping of Al and Cu connection gear. Works in all positions. Use changeable dies for diameters of 16 to 300 mm². Obtains a pressure of 20 t.



Length of crimper: 700 mm
Weight of crimper: 5.5 kg
Code number of crimper: 1870312



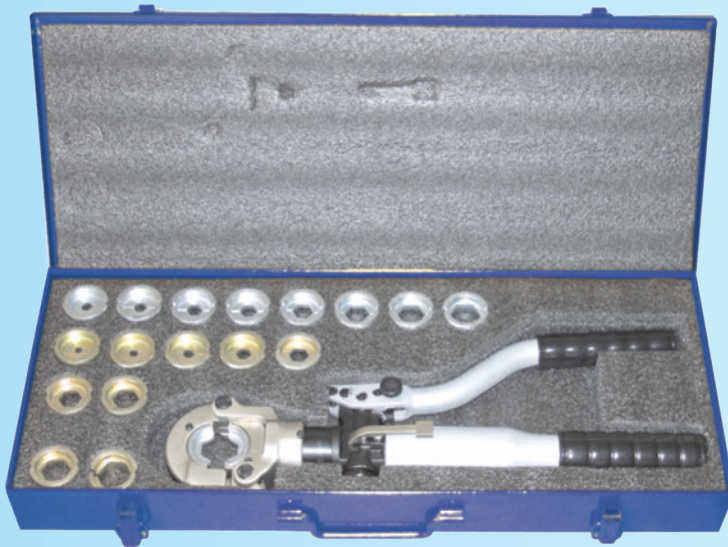
DIES FOR MANUAL HYDRAULIC CRIMPER - FTP-300

Code number	For crimping Cu terminations mm ²	For crimping Al terminations mm ²
1870320	6-35	10-16
1870330	50-70	25-50
1870340	95-185	70-120
1870350	240-300	150-240

MANUAL HYDRAULIC CRIMPER - FRHP-300

A compact crimper with built-in hydraulic pump with high pressure of 700 bars. Use for crimping cable gear for Cu wires of 10 - 300 mm, and Al wires of 10 - 240 mm, threaded connectors, forming sector cable and for FID sleeves. The head of the crimper rotates 360 degrees, permitting crimping in all positions.

Length: 460 mm
Weight: 3.3 kg
Code number: 1870291



SETS WITH CRIMPER FRHP-300 AND DIES

Code number	Name of set
1870296	Sheet metal carrying case for FRHHP-300 and dies
1870292	Set FRHP-300 K1 (with crimper FRHP-300, carrying case, and dies: Al, Cu and for threaded connectors)
1870293	Set FRHP-300 K2 (with crimper FRHP-300, carrying case, and dies Al 16-24 and Cu 10-300)
1870294	Set FRHP-300 K3 (with crimper FRHP-300, carrying case, and dies for Al.
1870295	Set FRHP[-300 K4 (with crimper FRHP-300, carrying case, and dies for Cu.

DIES FOR CRIMPER FRHP-300

Wire diameter mm ²	Code number of die for Cu gear	Code number of die for Al gear	Code number of die for threaded connect.	Code number of die for forming sec. cable	Code number of die for FID sleeves
10	1800310	-	-	-	1800325
16	1800311	1800341	1800361	-	1800325
25	1800312	1800342	1800362	-	1800325
35	1800313	1800343	1800363	1801901	1800325
50	1800314	1800344	1800364	1801902	1800327
70	1800315	1800345	1800365	1801903	1800327
95	1800316	1800346	1800366	1801904	-
120	1800317	1800347	-	1801905	-
150	1800318	1800348	-	1801906	-
185	1800319	1800349	-	1801907	-
240	1800320	1800350	-	1801908	-
300	1800321	-	-	-	-

MANUAL HYDRAULIC CABLE CUTTER



Compact cutter with built-in high pressure hydraulic pump. Intended for cutting Al and Cu cables. The head rotates 360 degrees, permitting easy handling in every possible position.



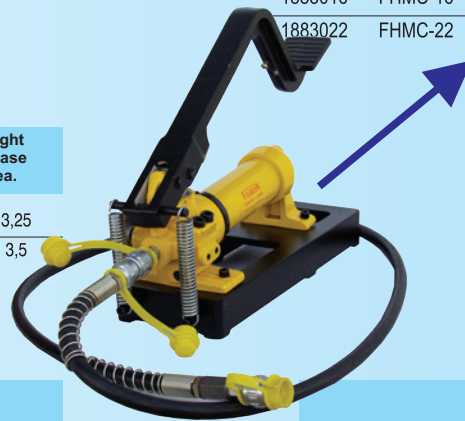
Code number	Designation	Ø blade for Al & Cu	Ø blade for tel. cable	Length mm	Weight of head kg/ea.	Weight of case kg/ea.
1870390	FRHM-40	32	40	570	5	3,25
1870395	FRHM-52	45	50	615	7	3,5

HYDRAULIC CUTTER FHMC

Use for cutting of rebar, rods and Al-Steel cables of Ø4-Ø22. For power use either hydraulic or electrical pump.



Code number	Designation	Diameter	Length mm	Weight kg/ea.
1883016	FHMC-16	Ø 4-16	240	2,10
1883022	FHMC-22	Ø 4-22	300	3,50



HYDRAULIC CABLE CUTTER

Intended for cutting of telephone, Al and Cu cables. For power for this hydraulic cable cutter use either a hydraulic or electrical pump.



Code number	Designation	Telephone/Al-Cu cable mm	Length mm	Weight of case kg/ea.
1870397	FHM-85B	Ø 85/Ø50	465	8,20
1870398	FHM-100B	Ø 100/Ø75	515	8,70

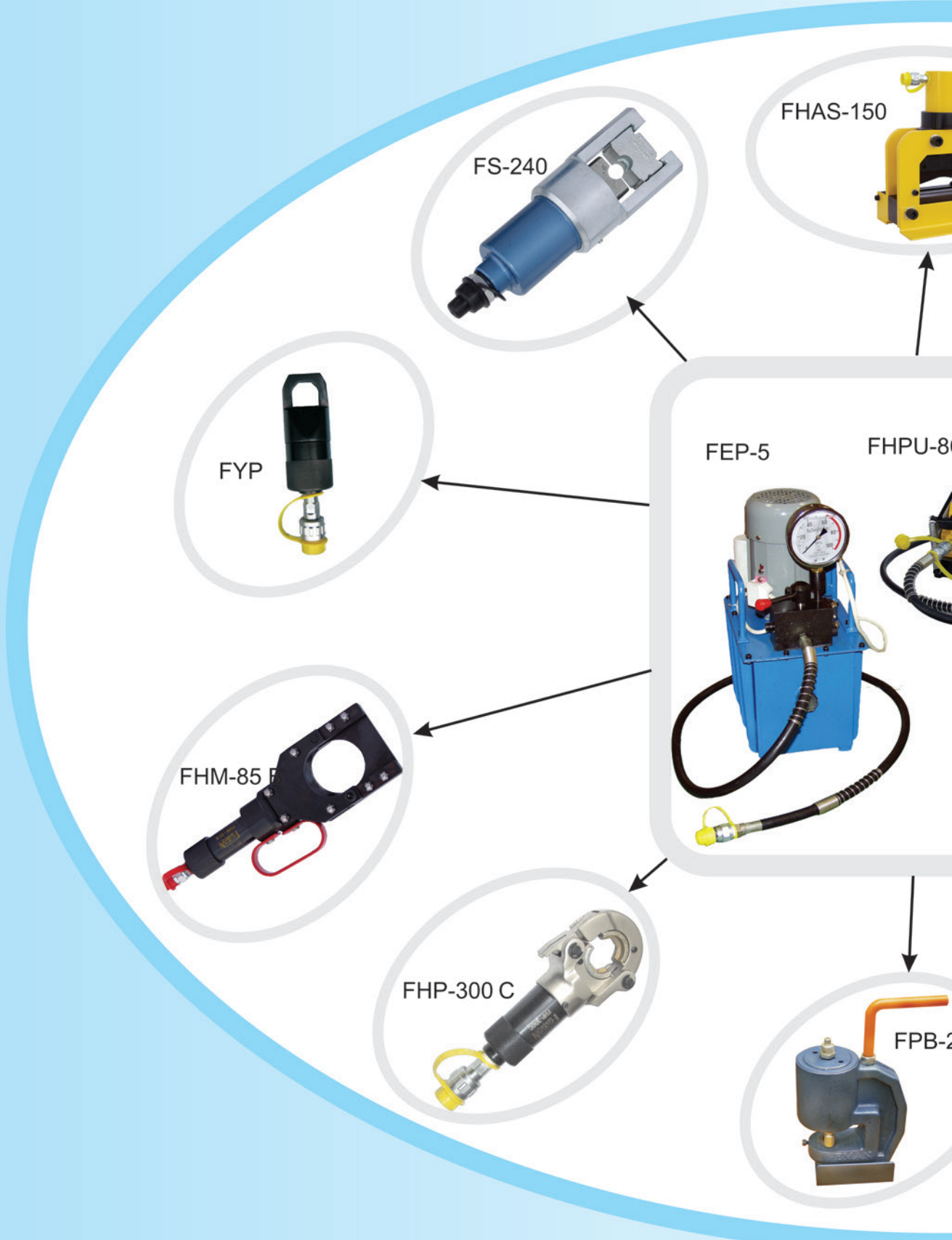
BOLT CUTTER

Use for cutting bolts. Cutting power is 16t. Width of cut is 20mm. For power use either hydraulic or electrical pump.



Code number	Designation	Dimension of bolts	Weight kg/ea.
1883116	FYP-24	M12 - M16	1,60kg
1883127	FYP-41	M22 - M27	4,50kg

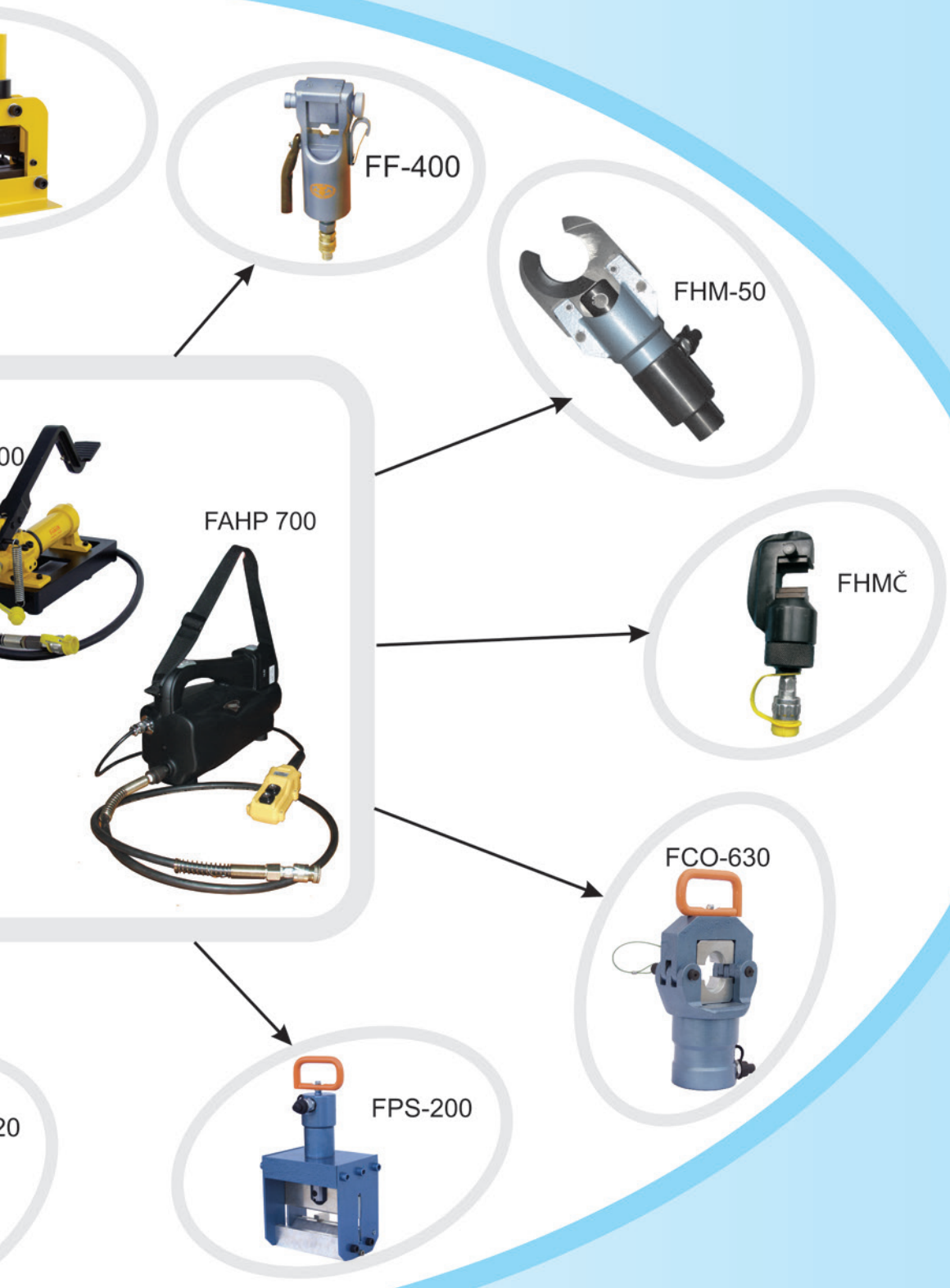
WIN IN THE MARKET RACE WITH



MANUFACTURER OF CABLE

SERBIA, JAGODINA, VIHORSKA 1, tel: 3

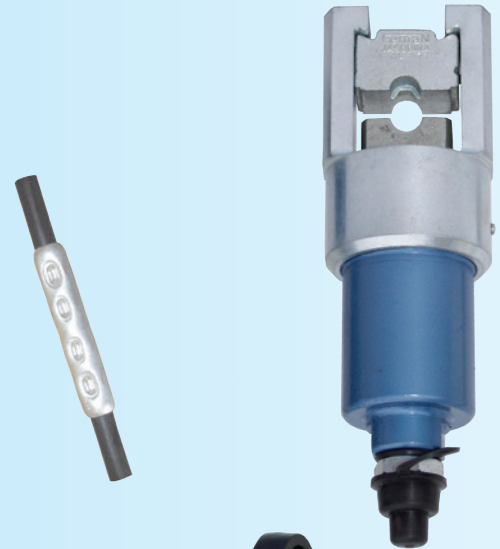
H TOOLS FROM FEMAN



HYDRAULIC HEAD FOR CRIMPING - FS-240

Use a hydraulic head for crimping of the type of FS-240 for crimping connections. This head is used for crimped connections of all types of wires of diameter up to 240 mm². The crimping set with this head can obtain a force of 20 tons. The head contains an assembly for receiving the piston, the piston and connecting rod. The construction is such that it will accept the tools used with "SIMEL" crimpers. To power this hydraulic head use either a hydraulic or an electrical pump, which is ordered separately.

Length: 200 mm
Weight: 3.08 kg/ea.
Code number: 1880000



SETS WITH HYDRAULIC HEAD FS-240 AND DIES

Code number	Name of set	Weight kg
1880005	Set with hydraulic head Fs240, carrying case and STANDARD dies (Al 50-240 and Cu 50-240 mm ²)	12,18
1880010	Set of STANDARD dies (Al 50-240 mm ² and Cu 50-240) for hydraulic head FS-240	6,10
1880015	Carrying case for hydraulic head FS-240 and dies	3,00



DIES FOR HYDRAULIC HEAD FS-240

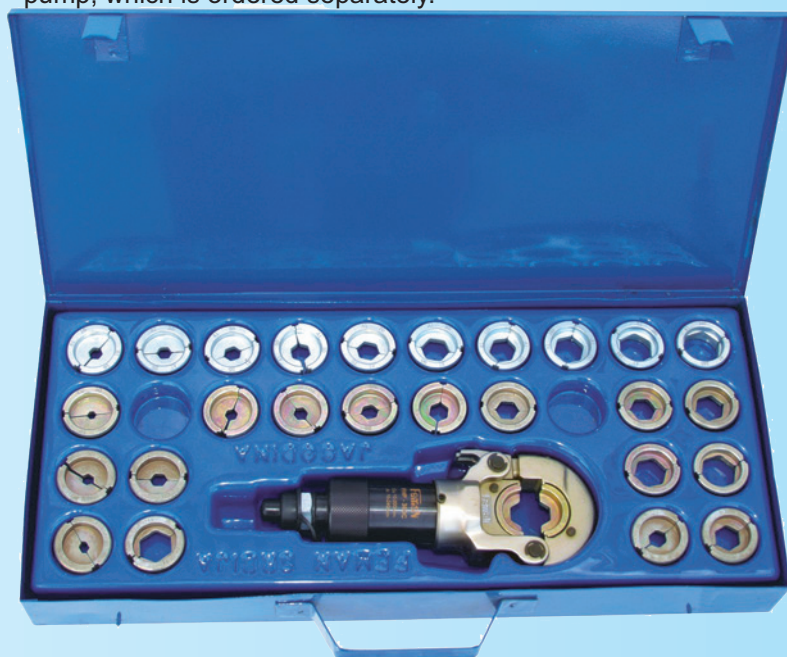
Wire diameter mm ²	Code number of die for Al termination	Code number of die for Cu termination	Code number of die for forming Al sector cables	Code number of die for forming Cu sector cables
6	-	1882006	-	-
10	-	1882010	-	-
16	1881016	1882016	-	-
25	1881025	1882025	-	-
35	1881035	1882035	1882303	1882323
50	1881050	1882050	1882304	1882324
70	1881070	1882070	1882305	1882325
95	1881095	1882095	1882306	1882326
120	1881120	1882120	1882307	1882327
150	1881150	1882150	1882308	1882328
185	1881185	1882185	1882309	1882329
240	1881240	1882240	1882310	1882330

HYDRAULIC CRIMPER FHP-300 C

Use for crimping Cu wires of 10-300 mm² diameter, and Al wires of 16-240 mm². The head rotates 360°, permitting work in all positions.

Length: 213 mm
Weight: 2.41 kg
Code number: 1870299

To power this hydraulic crimper use an electric or hydraulic pump, which is ordered separately.



Code number	Name of set
1870305	Sheet metal carrying case for crimper FRP-300 and dies
1870301	Set FRP-300 K1 (with crimper FRP-300, carrying case and dies: Al, Cu and for threaded connectors)
1870302	Set FRP-300 K2 (with crimper FRP-300, carrying case and dies: Al 16-240, Cu 10-300)
1870303	Set FRP-300 K3 (with crimper FRP-300, carrying case and dies for Al 70-240)
1870304	Set FRP-300 K4 (with crimper FRP-300, carrying case and dies for Cu)

DIES FOR HYDRAULIC HEAD FHP-300

Wire diameter mm ²	Code number of die for Cu gear	Code number of die for Al gear	Code number of die for threaded connect.	Code number for die for forming sec. cable	Code number of die for FID sleeves
10	1800310	-	-	1801901	1800325
16	1800311	1800341	1800361	1801902	1800325
25	1800312	1800342	1800362	1801903	1800325
35	1800313	1800343	1800363	1801904	1800325
50	1800314	1800344	1800364	1801905	1800327
70	1800315	1800345	1800365	1801906	1800327
95	1800316	1800346	1800366	1801907	-
120	1800317	1800347	-	1801908	-
150	1800318	1800348	-	1801909	-
185	1800319	1800349	-	1801910	-
240	1800320	1800350	-	1801911	-
300	1800321	-	-	1801912	-

HYDRAULIC HEAD FOR CRIMPING - FCO-630

Hydraulic head is intended for hexagonal compression of Al and Cu joining gear of larger dimensions 50-630 mm². For power to this hydraulic crimper use FEMAN hydraulic pump FKPU-700D, which is ordered separately. Changeable tools for hexagonal crimping work for Al and Cu of 50-630 mm². This hydraulic head with dies for 35, 50 and 70 mm² is used for crimping stainless steel sleeves when joining the support cable for a mid-voltage cable bundle.

Dimensions: 360x160 mm
Weight: 16 kg/ea.
Code number: 1850630



SET WITH HYDRAULIC HEAD - FCO-630

Code number	Name of set	Weight kg
1850632	Carrying case for crimper FCO-630 and dies	6.20
1850634	Set of dies for FCO-630 - STANDARD (Al 300, 400, 500, 630 and Cu 300, 400, 500, 630)	12.92

DIES FOR HYDRAULIC HEAD - FCO-630

Wire diameter mm ²	Code number of die for Cu gear	Code number of die for Al gear	Code number of die for stainless steel sleeves
35	-	-	1850635
50	1852050	1851050	1850650
70	1852070	1851070	1850670
95	1852095	1851095	-
120	1852120	1851120	-
150	1852150	1851150	-
185	1852185	1851185	-
240	1852240	1851240	-
300	1852300	1851300	-
400	1852400	1851400	-
500	-	1851500	-
630	1852630	1851630	-

HYDRAULIC CRIMPER - FF-400

This crimper was developed for the purposes of the railroad, but it also can be used for hexagonal crimped connections of all types of wires up to 240mm² in diameter. A crimper with this construction of the head can develop a force of 30 t. The crimper consists of a high pressure pump, a high pressure tube, (which joins the body of the crimper with the crimping unit, the hydraulic head for crimping and the tools. The crimper tools that are placed in the hydraulic head for crimping are two-part and work in the following variations:

- Pressing tool for fastening clamps for extending contact wires
- Tool for disconnecting clamps for extending contact wires
- Tool for crimping clamps for joining contact wire and support cable
- Tool for disconnecting contact wire from clamp and support cable
- Tool for hexagonal crimping of connector sleeves for extending support cables
- Tool for cutting contact wire and support cable



Dimensions: 820 x 200 x 140mm
Length of high pressure tubing: 2m
Weight of set: 16.5 kg
Code number: 18844000



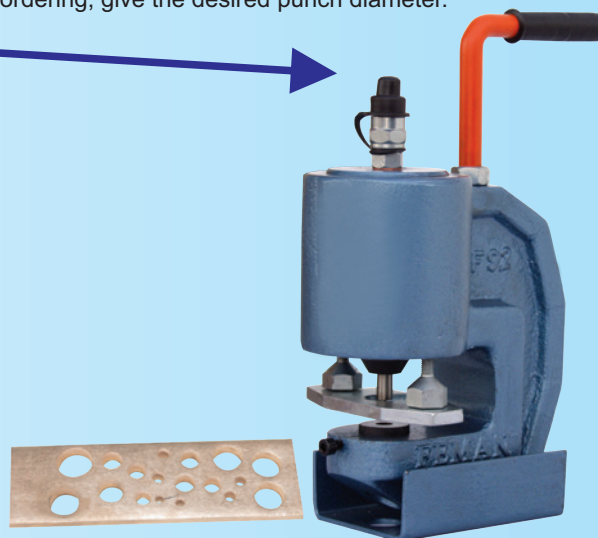
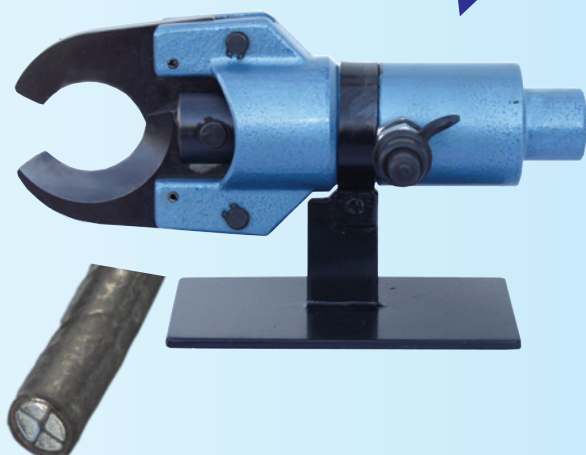
**HYDRAULIC DRILL PRESS
FPB-20**

Hydraulic press for punching Al and Cu rails of up to 15 mm thickness. Hole range is $\phi 6-25$ mm. Working pressure is 700 bars, and for power use a hydraulic or electrical pump, which is ordered separately. When ordering, give the desired punch diameter.

**HYDRAULIC CABLE CUTTER
FHM-50**

Intended for cutting Al and Cu cables of $\phi 50$ mm maximum diameter. The hydraulic cutter is attached to a hydraulic or an electrical pump, which is ordered separately. For power use an electrical pump or a manual-pedal hydraulic pump.

Length: 340 mm
Weight: 6 kg
Code number: 1870399



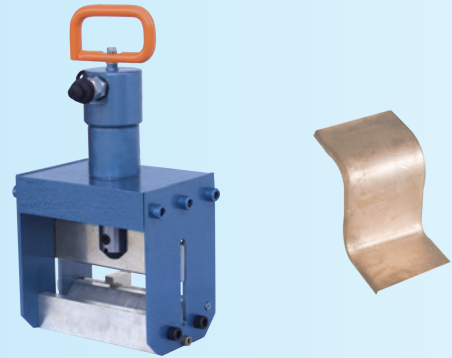
Dimensions: 372x280 mm
Weight: 16 kg/ea.
Code number for FPB-20: 1860200
Code number for FPB-20 K1 (FPB-20 with tools $\phi 6-25$ mm): 1860202

HYDRAULIC PRESS - FPS-200

Use for bending Al and Cu distribution rails to angles up to 90°. Can bend rails up to a maximum width of 200 mm and thickness to 15 mm. Very convenient for work in the field.

To power this hydraulic head use FEMAN hydraulic pump FKPU-700D, which is ordered separately.

Dimensions: 215x150x352 mm
Weight: 18 kg/ea.
Code number 1870200



HYDRAULIC RAIL CUTTER - FHAS-150

Intended for cutting Al and Cu rails of a maximum width of 150mm and thickness of 10mm. The use of FHAS 150 saves time, and obtains great precision, quality and esthetic appearance.

For power use manual, pedal or electrical hydraulic pump, which is ordered separately.

Height: 420mm
Weight: 32.5 kg
Code number: 1870195



MANUAL HYDRAULIC HOLE CUTTER - FRHPP-60

This manual hydraulic head with built-in high pressure hydraulic pump is intended for making holes in sheet metal in control boards - panels for entries, control instruments, lamps, switches, etc. With FRHPP-60 sheet metal to a thickness of 2mm can be cut. Its use saves time and obtains great precision, quality and esthetic appearance. Comes in a case with punches of $\varnothing 22$, $\varnothing 27.5$, $\varnothing 34.3$, $\varnothing 43$, $\varnothing 49$, and $\varnothing 60.8$.

Cutter weight: 3.5 kg
Code number of set: 1850070



HYDRAULIC HOLE CUTTER - FHPP-60

Intended for cutting holes in sheet metal in control boards - panels for entries, control instruments, lamps, switches, etc. Using FHPP-60 saves time and obtains great precision, quality and esthetic appearance. With FHPP-60 sheet metal to a thickness of 2 mm can be cut.

Set includes:

- Hydraulic mini pump FHPP-180
- Hydraulic hole cutter FHPP-60
- Sheet metal carrying case
- Punches: $\varnothing 22$ mm $\varnothing 27.5$, $\varnothing 34.3$, $\varnothing 43$, $\varnothing 49$ and $\varnothing 60.8$ mm

Weight of set: 16 kg
Code number: 1850081



HYDRAULIC PUMP 700 bars - FHPU-800



With a two-step system of operating, this pump reaches a pressure of 200bars very quickly, and then an automatically starting piston permits a different speed to the flow of oil, slowing the work, but achieving significantly greater security and ease of work.

It consists of a hydraulic switch, reservoir, handle, high pressure tube with a one-way valve and a pressure release valve. All FEMAN hydraulic tools can use this pump for power.

Length: 520mm
Weight: 10.80kg
Code number: 1853708

ELECTRICAL PUMP 700 bars - FEP-5



Use to power all hydraulic tools that FEMAN produces. Connection to tools is done using an automatic, self-closing coupling that prevents oil from leaking from the tube when removing the tool from the pump. Using this electrical pump saves time. Work is simple and easy.

Mono-phase motor 0.75kW
Maximum recommended pressure: 630bar
Capacity: 0.8-5l/min
Height:470mm
Weight: 30kg
Code number: 1853715

BATTERY POWERED HYDRAULIC PUMP - FAHP 700



The most compact and economical hydraulic pump. Use to power all hydraulic tools that FEMAN produces. Connection to tools is done using a unique coupling which prevents oil from leaking from the tube when removing the tool from the pump. Work is simple and easy.

Power: 14,4 V
Pressure: 700 bar
Size: 355x260x160 mm
Weight: 6,60 kg
Code number: 6604120

BATTERY POWERED CUTTER - FAM 45

- Use for cutting of Al/Cu cables of up to $\varnothing 45\text{mm}$
- Universal head rotates 360 degrees
- Two speed hydraulic
- Rapid braking of motor
- Automatic return of blade to original position after cutting
- Manual return of blade if necessary.
- Electronic control and tracking of operation being done
- Diode, battery status indicator
- High performance of 3.Ah with NiMH battery
- With one charging of battery, 70 cuts can be made.

Working power: 60 kN

Battery: 14,4 V

Comes in a carrying case with:

- Two batteries
- Charger

Weight: 5,8kg

Code number: 6604145



BATTERY POWERED CRIMPER - FAP-300

Crimping capacity 300 mm²

Motor: 14.4V

Head rotation angle: 360°

Automatic release when crimping force of 13 tons is reached. Head opening is 38 mm. The tool body has a light indicating the battery status. Charger rapidly charges battery - 20 minutes. Crimper is intended for hexagonal crimping. The set includes the crimper, battery, charger and carrying case.

Note: Dies are ordered separately.

Net weight of crimper: 7.4 kg

Dimensions: 380x70x240mm

Code number: 6604160



BATTERY POWERED CABLE CUTTER - FAM 52



Intended for cutting copper and aluminum cables of diameters up to $\varnothing 52$ mm.

Motor: 14.4 VDC
 Accessories: 1 charger, 1 plastic carrying case
 Note: Blades are not intended for cutting of Al-Fe wire ropes and cables with steel shielding.



Dimensions: 106x376x118 mm
 Net weight of cutter: 3.6 kg
 Code number: 6604152

BATTERY POWERED CUTTER & CRIMPER - FAMP 42

- Universal head rotates 360 degrees
- Two speed hydraulic
- Rapid braking of motor
- Automatic return of blade-die to original position after cutting-crimping
- Manual return of blade-die if necessary
- Electronic control and tracking of operation being done
- Diode, battery status indicator
- High performance of 3.Ah with NiMH battery

Working power: 60 kN

Battery: 14,4 V

Comes in a carrying case with:

- Two batteries
- Charger
- Adapter for cutting
- Adapter for crimping
- Al dies 16-240
- Cu dies 10-300
- Pair of blades $\varnothing 40$ for AlCu cables
- Punches Sheet: $\varnothing 22$, $\varnothing 27.5$, $\varnothing 34.3$, $\varnothing 43$, $\varnothing 49$, $\varnothing 60.8$

Weight: 5,1kg

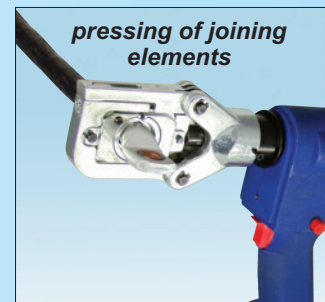
Code number: 1884160



punching al sheets



conductor cutting



pressing of joining elements

Used for crimping copper sleeves and lugs diameter 10-300mm² and aluminum cable lugs and sleeves diameter 16-240mm².

Used for cutting copper and aluminum cables up to $\varnothing 40$ mm

BATTERY POWERED CRIMPER - FAP-60

- Universal head rotates 360 degrees
 - Two speed hydraulic
 - Rapid braking of motor
 - Automatic return of die to original position after crimping
 - Manual return of die if needed.
 - Electronic control and tracking of operation being done.
 - High performance of 3.Ah with NiMH battery
- Working power: 60 kN
 Battery: 14,4 V
 Comes in a carrying case with:
- Two batteries
 - Charger
 - Al dies 16-240
 - Cu dies 10-300

Weight: 5kg
Code number: 6604167



BATTERY POWERED CABLE CUTTER - FAM 85

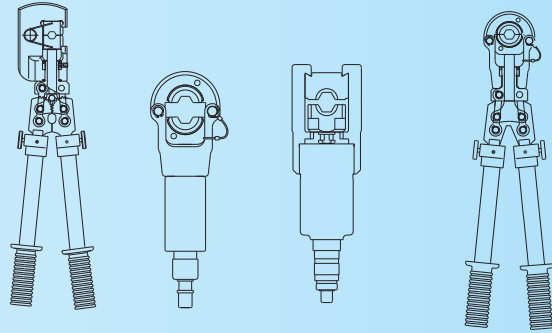


Cutting capacity:
 Al wires: 46 mm
 Cu wires: 85 mm
 Underground cable: 50 mm

Motor: 14.4 VDC
 Output force: 6t
 Turning angle of head: 180°
 Gear: 1 charger
 1 plastic carrying case

Dimensions: 505x310x75mm
Net weight of cutter: 8.5 kg
Code number: 6604185

DIES FOR CRIMPERS:
FRP-300, FHP-300
FRHP-300, FAP 62



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for Cu gear	1800310	1800311	1800312	1800313	1800314	1800315	1800316
Wire diameter mm ²	120	150	185	240	300		
Code number of die for Cu gear	1800317	1800318	1800319	1800320	1800321		



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for Al gear	-	1800341	1800342	1800343	1800344	1800345	1800346
Wire diameter mm ²	120	150	185	240	300		
Code number of die for Al gear	1800347	1800348	1800349	1800350	-		



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for threaded connector	-	1800361	1800362	1800363	1800364	1800365	1800366
Wire diameter mm ²	120	150	185	240	300		
Code number of die for threaded connector	-	-	-	-	-		

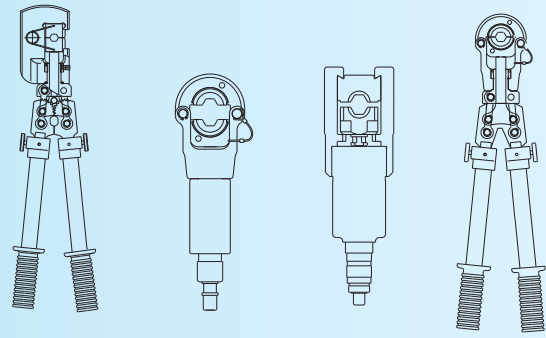


Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for forming sect. cable	-	-	-	1801901	1801902	1801903	1801904
Wire diameter mm ²	120	150	185	240	300		
Code number of die for forming sect. cable	1801905	1801906	1801907	1801908	-		



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for FID sleeves	1800325	1800325	1800325	1800325	1800327	1800327	-
Wire diameter mm ²	120	150	185	240	300		
Code number of die for FID sleeves	-	-	-	-	-		

DIES FOR CRIMPER FP - 185



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for Cu gear	1801860	1801861	1801862	1801863	1801864	1801865	1801866
Wire diameter mm ²	120	150	185				
Code number of die for Cu gear	1801867	1801868	1801869				



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for Al gear	1801885	1801870	1801871	1801872	1801873	1801874	1801876
Wire diameter mm ²	120	150	185				
Code number of die for Al gear	1801877	1801878	1801879				



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for threaded connector	-	-	1801880	1801881	1801882	1801883	1801884
Wire Diameter mm ²	120	150	185				
Code number of die for threaded connector	-	-	-				



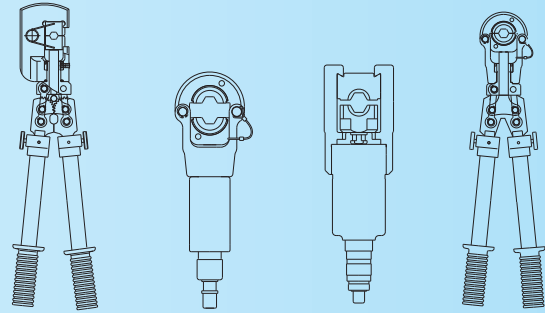
Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for forming sect. cable	-	-	-	1801891	1801892	1801893	1801894
Wire diameter mm ²	120	150	185				
Code number of die for forming sect. cable	1801895	1801896	1801897				



Wire diameter mm ²	10	16	25	35	50	70	95
Code number of die for FID sleeves	1801886	1801886	1801886	1801886	1801888	1801888	-
Wire diameter mm ²	120	150	185				
Code number of die for FID sleeves	-	-	-				

DIES FOR:

**HYDRAULIC CRIMPER
FS - 240**



Wire diameter mm ²	6	10	16	25	35	50	70
Code number of die for Cu gear	1882006	1882010	1882016	1882025	1882035	1882050	1882070
Wire diameter mm ²	95	120	150	185	240		
Code number of die for Cu gear	1882095	1882120	1882150	1882185	1882240		



Wire diameter mm ²	6	10	16	25	35	50	70
Code number of die for Al gear	-	-	1881016	1881025	1881035	1881050	1881070
Wire diameter mm ²	95	120	150	185	240		
Code number of die for Al gear	1881095	1881120	1881150	1881185	1881240		



Wire diameter mm ²	6	10	16	25	35	50	70
Code number of die for forming Al sect. cable	-	-	-	-	1882323	1882324	1882325
Wire diameter mm ²	95	120	150	185	240		
Code number of die for forming Al sect. cable	1882326	1882327	1882328	1882329	1882330		



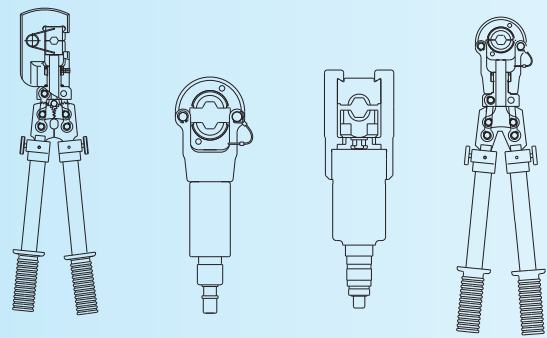
Wire diameter mm ²	6	10	16	25	35	50	70
Code number of die for forming Cu sect. cable	-	-	-	-	1882303	1882304	1882305
Wire diameter mm ²	95	120	150	185	240		
Code number of die for forming Cu sect. cable	1882306	1882307	1882308	1882309	1882310		



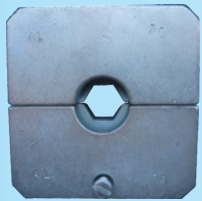
MATRIX CARRIER, MATRIXES & ARBORS FOR HYDRAULIC HEAD FS-240

Code number	Item
1880020	Matrix carrier per "SIMEL" 150-240 mm ²
1880025	Matrix per "SIMEL" 150 mm ²
1880030	Arbor per "SIMEL" 150 mm ²
1880035	Matrix per "SIMEL" 240 mm ²
1880040	Arbor per "SIMEL" 240 mm ²

**DIES FOR:
HYDRAULIC HEAD
FCO-630, FAP-10;
HYDRAULIC DRILL FPB-20**



Wire diameter mm ²	35	50	70	95	120	150	185	240
Code number of die for Cu gear	-	1852050	1852070	1852095	1852120	1852150	1852185	1852240
Wire diameter mm ²	300	400	500	630				
Code number of die for Cu gear	1852300	1852400	-	1852630				



Wire diameter mm ²	35	50	70	95	120	150	185	240
Code number of die for Al gear	-	1851050	1851070	1851095	1851120	1851150	1851185	1851240
Wire diameter mm ²	300	400	500	630				
Code number of die for Al gear	1851300	1851400	1851500	1851630				



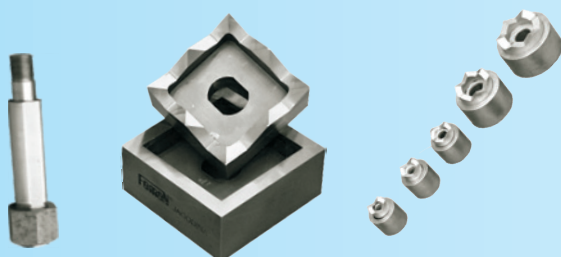
Wire diameter mm ²	35	50	70	95	120	150	185	240
Code number of die for stainless steel connectors	1850635	1850650	1850670	-	-	-	-	-
Wire diameter mm ²	300	400	500	630				
Code number of die for stainless steel connectors	-	-	-	-				

TOOLS FOR FPB - 20



Wire diameter mm ²	6	8	10,5	12
Code number	1860206	1860208	1860210	1860212
Wire diameter mm ²	14	17,5	21	25
Code number	1860214	1860217	1860221	1860221

TOOLS FOR FAP - 10



Code number	1850109	1850111	1850113	1850116	1850121
Wire diameter mm ²	ø15.4	ø18.8	ø20.6	ø22.7	ø28.5
Code number	1850129	1850136	1850142	1850148	1850172
Wire diameter mm ²	ø37.2	ø47.2	ø54.2	ø59.5	72x72

DEVICE FOR TIGHTENING AND HOISTING LOADS - to 250 kg



Device used for tightening aerial cables and hoisting loads. One end of the device is fixed to a pole, facade or similar immobile object, while the other end of the chain is attached to an automatic gripper.

Mounting and use of this gear is quick and simple.
Maximum tightening force is 250 kg.



Code number: 1885025

DEVICE FOR TIGHTENING CABLES AND HOISTING LOADS



Device used for tightening aerial cables and hoisting loads. One end of the device is fixed to a pole, facade or similar immobile object, while the other end of the chain is attached to an automatic gripper.

Mounting and use of this gear is quick and simple.
Maximum tightening force is 0.75 t and 3 t.



Code number: 1885075 - for 0.75 t
Code number: 1885300 - for 3 t

ELECTRICAL HOIST - WINCH



Device used for hoisting loads of up to 900 kg. Connects to 12V power supply so that it can be used in the field.

It also is supplied with a keyboard control for giving commands.

Length: 296 mm
Code number: 1885090

PULLEY GEAR WITH WIRE ROPE

This device serves for pulling loads of up to 800 kg using a wire rope of 8.3 mm diameter. One end of the device is attached to a pole, facade or other similar immobile object.

Moving the handle activates the lever system by which the cable is tightened with a constant pulling force of 60 daN. Mounting and use of the device is quick and easy.

Length: 426 mm
Weight: 6.4 kg
Code number: 1885120 - 800 kg
Code number: 1885160 - 1600 kg



AUTOMATIC GRIPPER FOR Al-Fe CABLES 8-24mm

Use for tightening Al-Fe cables of 8-24 mm diameter. Made of steel alloy, and tension pads are of Al alloy. If to be used for tightening steel cables and ropes (which should be indicated when ordering) the tension pads will be made of steel.

Maximum tightening force is 2000 kg.

Length: 270 mm
Weight: 3.5 kg
Code number: 1884120



AUTOMATIC GRIPPER 6-14

Intended for pulling and tightening Al and Al-steel cables of external diameter of 6 to 14 mm. Its construction with a system of levers grips the cable and while pulling automatically increases the pulling force by tightening the grip on the cable, thus permitting a quick and secure connection for pulling and tightening.

Maximum tightening force is 400 kg. This automatic gripper has a built-in U-joint which permits quick and easy connection to pulley devices.

Gripper is made of a special aluminum alloy.

Length: 308 mm
Weight: 1.5 kg
Code number: 1884614

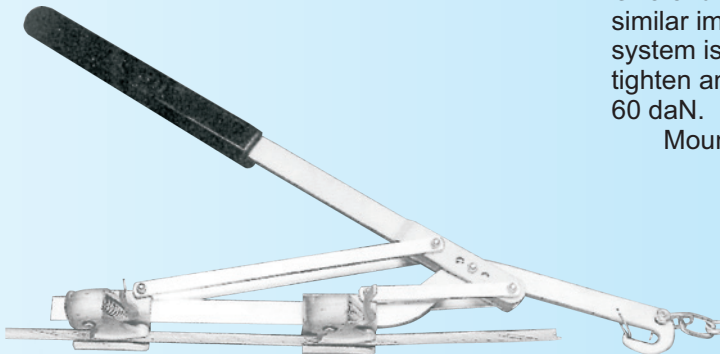


COME-ALONG FOR PULLING AERIAL CABLES 7-15

Device serves for pulling non-insulated aerial cables of external diameter of 7 to 15 mm. One end of the device is fixed to a pole, facade or similar immobile object. By moving the handle, the lever system is activated by which two special grips alternately tighten and pull the cable, with a constant pulling force of 60 daN.

Mounting and use of the device is quick and easy.

Maximum tightening force is 800 kg

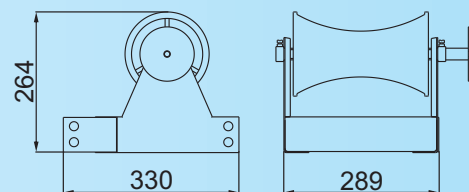


Length: 630 mm
Weight: 5.7 kg
Code number: 1884715

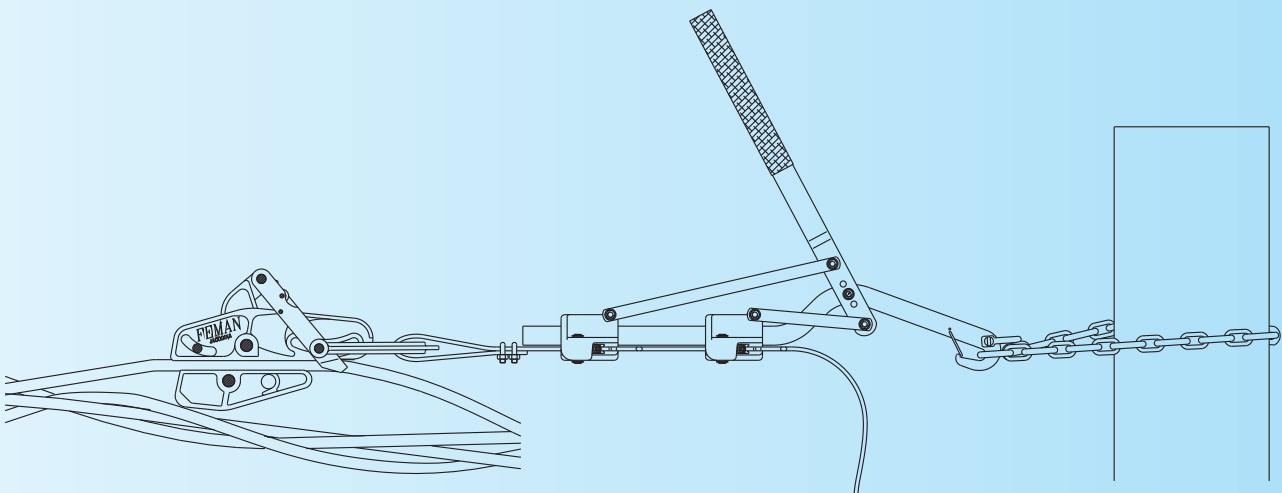
UNIVERSAL ROLLERS FOR LAYING CABLES

Use for laying cables along a route. By using these universal rollers time is saved and possible damage to the cables is avoided. The roller is made of silumine and the base of steel material, while the anti-corrosion protection is by plastification. These universal rollers are of such construction that they permit the connection of additional rollers for angle turns of the cables and the bridging of trenches and ditches on the terrain. By connecting in this way it is possible to make a roller chain of unlimited length. The steel rod used for joining and fastening the rollers is ordered separately.

Package: 1 pc
Weight: 7kg/pc
Code number: 1800045



EXAMPLE OF PULLING ABC



MANUAL AUTOMATIC CRIMPER FLY-03C	1
AUTOMATIC CRIMPER FLY-03B	1
MANUAL CRIMPER RMK-10	1
PIG-TAIL CRIMPER .05-6mm ² FYS-02C0	1
MANUAL CRIMPER FKH-16	2
PIG-TAIL SET WITH UNIVERSAL CRIMPER FYS-02C0	2
MANUAL CRIMPER FOR NON-INSULATED TERMINALS FYS-02BM	2
CRIMPER AND SET OF TELEPHONE CONNECTORS (UTP) FHT-210A	2
MANUAL CRIMPER FRC-102	3
CABLE CUTTER FLK-325A	3
CABLE CUTTR (LARGER) FLK-60A	3
ELECTRONICS WIRE CUTTER FLY-109	3
STRANDED WIRE CUTTER FLY-260	4
HOB STRIPPER FLY-5274	4
STRIPPER FOR REMOVING SHEATHING FLY-700 B	4
UNIVERSAL WIRE STRIPPER FLY-700D	4
STRIPPER FOR COAXIAL CABLE FHT-302	5
AUTOMATIC TIE GUN FLY-600L	5
UNIVERSAL KNIFE FOR STRIPPING SHEATH FLY-25-6	5
UNIVERSAL PLIERS FOR LEAD SEALS	5
TIE GUN FLY-600	5
CUTTER FOR REMOVING CABLE INSULATION AND SEMI-CONDUCTOR SHEATHING	6
MANUAL HOLE CUTTER FAP-60 (SET)	6
MANUAL REBAR CUTTER FMA-800	7
MANUAL CUTTER FOR Al AND Cu CABLES	7
MANUAL CUTTER FOR Al-Steel CABLES FM-154	8
MANUAL CUTTER FOR Al-Steel CABLES FRC-800	8
MANUAL CABLE CRIMPER FP-50C	8
MANUAL CABLE CRIMPER FP-120C	8
MANUAL MECHANICAL CRIMPER FRP-300C	9
MANUAL MECHANICAL CRIMPER FP-185	10
HYDRAULIC HOLE PUNCH HEAD FAP-10	11
MANUAL HYDRAULIC CRIMPER FTP-300	11
MANUAL HYDRAULIC CRIMPER FRHP=300	12
MANUAL HYDRAULIC CABLE CUTTER	13
HYDRAULIC CUTTER FHMC	13
HYDRAULIC CABLE CUTTER	13
BOLT CUTTER FYP	13
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HYDRAULIC HEAD FOR CRIMPING FCO-630	18
HYDRAULIC CRIMPER FF-400	19
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HYDRAULIC DRILL PRESS FPB-20	19
HYDRAULIC CRIMPER FPS-200	20
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BATTERY POWERED CABLE CUTTER FAM-52	23
BATTERY POWERED CUTTER & CRIMPER FAMP-42	23
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FemaN is the largest producer of cable splicing equipment, electrical material, tools and gear for cables in the Balkans.

The founder, owner and director is engineer Miodrag Nikolić, whose leadership abilities, work and investment have contributed to FemaN's development into a mid-sized firm, with over 200 employees and a wide assortment of over 1,400 high quality products. On a total area of 10,000 m² these products are made in up-to-date equipped departments: research and development of products, foundry, smithy, locksmith, press, plastic extrusion, lathe and milling processing, paint shop, galvanization, tool shop and installation.

Our business motto "Quality above all", is proven by the large number of prizes and awards, both at domestic and international fairs.

Taking on new products, their development and permanent improvement is led by a group of verified experts with a variety of profiles. All products are made in accord with JUS, IEC, VDE and NFC standards, and the firm has had the standard of ISO 900 ever since 1996.

All of our products pass through the required testing and approval, and a certain number, from every series, is tested in our internal laboratory, to ascertain that the final user always receives a high quality and safe product that is quickly and easily installed.

Thanks to this high quality, that has become a synonym for FemaN products, our sales network has spread to all 5 continents, so that our equipment has found buyers in far-off Australia.

Try us and you will believe in the truth of our motto.