

MOSDORFER RAILWAY TOOLS AND ACCESSORIES

SOLUTIONS FOR
RAILWAY CATENARY SYSTEMS

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Manual Compressing Pliers Type C6

Application:

- Flip top crimp head.
- Powerful mechanical crimping.
- 360 rotatable head.
- Telescopic handles for higher leverage.
- Suitable for joint, cable lugs and droppers.



Part Number	Type	Compression Cross Sections Cu (mm ²)	Compression Cross Sections Al (mm ²)	Compression Dies Type	Weight (Kg)
PMC.06	C6	55 / 70 / 55	3450	C6	6

Manual Hydraulic Compressing Pliers Type C6

Application:

- Flip top crimp head.
- Dual Speed Action.
- 360 rotatable head.
- Safety valve for high pressure.
- Crimping cycle 3 to 6 secs.
- Suitable joint, cable lugs and droppers.



Part Number	Type	Rotable Compression Head	Compression Cross Sections Al (mm ²)	Compression Dies Type	Weight (Kg)
PMHC.06	C6	360	16 - 400	C6	3.5

Manual Hydraulic Compressing Pliers Type C13

Application:

- C-shape opening design
- Fast crimping speed
- The two hydraulic system
- 180 rotatable head.
- Safety valve for high pressure.
- Suitable for joint, cable lugs and droppers.



Part Number	Type	Rotateable Compression Head	Compression on Force (kN)	Stroke (mm)	Compression Cross Sections Cu (mm ²)	Compression Cross Sections Al (mm ²)	Compression Dies Type	Weight (Kg)
PMC.13.1	C13	180	130	32	10 - 300	240	C13	6.5
PMHC.13.2	C13	180	130	38	10 - 400	10 - 300	C13	6.9

Manual Hydraulic Compressing Pliers Type C13, 700 bar.

Application:

- C - Shape opening design.
- Split type design especially suitable for high altitude work.
- Fast crimping speed and over stroke protection.
- Die external button to facilitate the loading and unloading of the die.
- Suitable for joint and cable lugs and droppers.



Part Number	Type	Operating Pressure (bar)	Nominal Compression on Force (kN)	Stroke (mm)	Compression Cross Sections Cu (mm ²)	Compression Cross Sections Al (mm ²)	Compression Dies Type	Weight (Kg)
CHC.13	C13	180	130	38	10 - 400	400	C13	5.4

Compression Dies Type C6



Part Number	Type	Description	Tool Code	Compression Width (mm)
HG6.10.PO	C6	Oval Compression Dies	10 PO	13
HG6.16.PO	C6	Oval Compression Dies	16 PO	5
HG6.18.PO	C6	Oval Compression Dies	18 PO	5
HG6.20.PO	C6	Oval Compression Dies	20 PO	5
HG6.22.PO	C6	Oval Compression Dies	22 PO	5

For Copper and Steel Connections

Part Number	Type	Description	Tool Code	Compression Width (mm)
HG6.5.MC	C6	Hexagonal Compression Dies	5	5
HG6.6.MC	C6	Hexagonal Compression Dies	6	5
HG6.7.MC	C6	Hexagonal Compression Dies	7	5
HG6.8.MC	C6	Hexagonal Compression Dies	8	5
HG6.9.MC	C6	Hexagonal Compression Dies	9	5
HG6.10.MC	C6	Hexagonal Compression Dies	10	5
HG6.11.MC	C6	Hexagonal Compression Dies	11	5
HG6.12.MC	C6	Hexagonal Compression Dies	12	5
HG6.13.MC	C6	Hexagonal Compression Dies	13	5
HG6.14.MC	C6	Hexagonal Compression Dies	14	5
HG6.16.MC	C6	Hexagonal Compression Dies	16	5
HG6.18.MC	C6	Hexagonal Compression Dies	18	5
HG6.20.MC	C6	Hexagonal Compression Dies	20	5
HG6.22.MC	C6	Hexagonal Compression Dies	22	5
HG6.25.MC	C6	Hexagonal Compression Dies	25	5
HG6.28.MC	C6	Hexagonal Compression Dies	28	5

For Aluminum Connections

Part Number	Type	Description	Tool Code	Compression Width (mm)
HG6.12.MA	C6	Hexagonal Compression Dies	12	7
HG6.14.MA	C6	Hexagonal Compression Dies	14	7
HG6.16.MA	C6	Hexagonal Compression Dies	16	7
HG6.18.MA	C6	Hexagonal Compression Dies	18	7
HG6.20.MA	C6	Hexagonal Compression Dies	20	7
HG6.22.MA	C6	Hexagonal Compression Dies	22	7
HG6.25.MA	C6	Hexagonal Compression Dies	25	7
HG6.27.MA	C6	Hexagonal Compression Dies	27	7

Compression Dies Type C13 for Hexagonal Compression



Part Number	Type	Description	Tool Code	Compression Width (mm)
HG.4.KZ	C13	Hexagonal Compression Dies	4	14
HG.5.KZ	C13	Hexagonal Compression Dies	5	14
HG.6.KZ	C13	Hexagonal Compression Dies	6	14
HG.7.KZ	C13	Hexagonal Compression Dies	7	14
HG.8.KZ	C13	Hexagonal Compression Dies	8	14
HG.9.KZ	C13	Hexagonal Compression Dies	9	14
HG.10.KZ	C13	Hexagonal Compression Dies	10	14
HG.11.KZ	C13	Hexagonal Compression Dies	11	14
HG.12.KZ	C13	Hexagonal Compression Dies	12	14
HG.13.KZ	C13	Hexagonal Compression Dies	13	14
HG.14.KZ	C13	Hexagonal Compression Dies	14	14
HG.15.KZ	C13	Hexagonal Compression Dies	15	14
HG.16.KZ	C13	Hexagonal Compression Dies	16	14
HG.17.KZ	C13	Hexagonal Compression Dies	17	14
HG.18.KZ	C13	Hexagonal Compression Dies	18	14
HG.19.KZ	C13	Hexagonal Compression Dies	19	14
HG.20.KZ	C13	Hexagonal Compression Dies	20	14
HG.21.KZ	C13	Hexagonal Compression Dies	21	14
HG.22.KZ	C13	Hexagonal Compression Dies	22	14
HG.25.KZ	C13	Hexagonal Compression Dies	25	14
HG.27.KZ	C13	Hexagonal Compression Dies	27	14
HG.28.KZ	C13	Hexagonal Compression Dies	28	14
HG.30.KZ	C13	Hexagonal Compression Dies	30	14
HG.32.KZ	C13	Hexagonal Compression Dies	32	14
HG.34.KZ	C13	Hexagonal Compression Dies	34	14

Compression Dies Type C13 for Dropper



Part Number	Type	Description	Dropper Cable (mm2)	Compression Width (mm)
HG.10.PO.8	C6/C13	Dropper Compression Dies	10 Bz II	20
HG.15.PO.8	C6/C13	Dropper Compression Dies	12 Bz II	20
HG.16.PO.11	C6/C13	Dropper Compression Dies	16 Bz II	20
HG.16.PO.11.V	C6/C13	Dropper Compression Dies	16 Bz II	20
HG.17.PO.11	C6/C13	Dropper Compression Dies	25 Bz II	20

Compression Dies Type U60

Part Number	Type	Description	Tool Code
302 131 131	III	Compression die for riveting	DB 4-N / UIC-107
302 345 345	III	Compression die for riveting	DB 4-L / UIC - 107



Compression Dies for riveted contact wire splices.



Part Number	Type	Description	Tool Code	Compression Width (mm)
302 131 131	III	Compression die E&C clamps	DB3	44
302 246 246	III	Compression die for detaching	DB 3 - L C2	44
MA - 101	III	Compression die for detachng compression E&C Clamps	C2	44
MA - 102	III	Compression die for detaching compressiong C clamps	C2	44
MA - 103	III	Compression die for compressing E clamps	E1	44
MA - 104	III	Compression die for compressing Bi metallic clamps	PB	44

Compression Dies for Wire Joints



Part Number	Type	Description	Tool Code	Compression Width (mm)
13H.KP.MC	III	Hexagonal Compression Die	13	14
14H.KP.MC	III	Hexagonal Compression Die	14	14
15H.KP.MC	III	Hexagonal Compression Die	15	14
16H.KP.MC	III	Hexagonal Compression Die	16	14
17H.KP.MC	III	Hexagonal Compression Die	17	14
18H.KP.MC	III	Hexagonal Compression Die	18	14
19H.KP.MC	III	Hexagonal Compression Die	19	14
20H.KP.MC	III	Hexagonal Compression Die	20	14
21H.KP.MC	III	Hexagonal Compression Die	21	14
22H.KP.MC	III	Hexagonal Compression Die	22	14
23H.KP.MC	III	Hexagonal Compression Die	23	14
25H.KP.MC	III	Hexagonal Compression Die	25	14
28H.KP.MC	III	Hexagonal Compression Die	28	14
30H.KP.MC	III	Hexagonal Compression Die	30	17
32H.KP.MC	III	Hexagonal Compression Die	32	17
34H.KP.MC	III	Hexagonal Compression Die	34	17
36H.KP.MC	III	Hexagonal Compression Die	36	17
38H.KP.MC	III	Hexagonal Compression Die	38	17
42H.KP.MC	III	Hexagonal Compression Die	42	17
44H.KP.MC	III	Hexagonal Compression Die	44	17

Hydraulic Compressing Pliers Type U75, 700 bar

Application:

- U - Head latch design.
- Light and strong.
- Large crimping range.
- Fast speed.
- Suitable for use in small space occasions.
- Suitable for joint, cable lugs, droppers, full tension joint and C&E clamps.



Part Number	Type	Operating Pressure (bar)	Nominal Compression Force (kN)	Compression Cross Sections Cu (mm ²)	Compression Cross Sections Al (mm ²)	Compression Dies Type	Weight (Kg)
CHU.45	U75	700	450	800	800	U75	10

Hydraulic Compressing Pliers Type U60, 700 bar

Application:

- U - Head latch design.
- Oil circuit: Single action.
- Split type especially suitable for high altitude work.
- Fast speed.
- Strong and durable.
- Suitable for joint, cable lugs, droppers, full tension joint and C&E clamps.



Part Number	Type	Operating Pressure (bar)	Nominal Compression Force (kN)	Compression Cross Sections Cu (mm ²)	Compression Cross Sections Al (mm ²)
CHU.45	U60	700	250	10 Bz II	20

Electro - Hydraulic Pump, 700 bar

Application:

- Power Supply: AC220V / 50Hz
- Compact structure, small size and light weight.
- Stop and maintain pressure system.
- Electromagnetic unloading and oil return.
- Built in high pressure relief valve, safe and reliable operation.
- Suitable for split crimping machine below 100T.



Part Number	Operating Pressure (bar)	High Pressure Flow Rate (L/min)	Low Pressure Flow Rate (L/min)	Effective Tank Capacity (L)	Dimension (mm)	Weight (Kg)
BE.12.4	700	0.35	3	800	249 x 249 x 249	19

Battery Operated Hydraulic Pump, 700 bar

Application:

- High strength, small size, large oil output and light weight.
- Ergonomic design for high-altitude operations.
- Power display function to check the remaining battery power.
- Built - in high pressure relief valve, safe and reliable operation.
- The intelligent control system automatically shuts down after the work is completed, saving battery power and improving work efficiency.



Part Number	Operating Pressure (bar)	Battery	Oil hose 2mm included	Dimension (mm)	Weight (Kg)
BHB.12.4	700	24V 50Ah	Yes	391 X 335 X 162	4.9

Battery Operated Hydraulic Crimping Tool 700 bar, type U60.

Application:

- Small in size, light weight, large force and operation is flexible.
- Ergonomic design for high- altitude operations, single person can easily work.
- Power display function to check the remaining battery power.
- 360 rotateable head.
- Start key and oil return key are designed independantley to prevent mis operation.
- Built in high pressure safety valve.
- Complete set of two - speed hydraulic system.
- External LED lighting, providin night operating vision.
- Suitable for joint, cable lugs, drooppers, full tension joint and C&E clamps.



Part Number	Type	Operating Pressure (bar)	Nominal Compression Force (kN)	Compression Cross Sections Al/Cu (mm2)	Compression Dies Type	Dimension (mm)	Weight (Kg)
PBU.2.4	U60	700	200	630	U60	425x94x30	10

Battery Operated Hydraulic Crimping Tool 700 bar, type C6.

Application:

- Small in size, light weight, large force and operation is flexible.
- Ergonomic design for high- altitude operations, single person can easily work.
- Power display function to check the remaining battery power.
- 180 rotateable head.
- Start key and oil return key are designed independantley to prevent mis operation.
- Complete set of two - speed hydraulic system.
- External LED lighting, providin night operating vision.
- Suitable for joint, cable lugs.



Part Number	Type	Operating Pressure (bar)	Nominal Compression Force (kN)	Compression Cross Sections Al/Cu (mm2)	Compression Dies Type	Dimension (mm)	Weight (Kg)
PBC.06	U60	700	60	300	C6	306 X 94 X 308	4.4

Battery Operated Hydraulic Crimping Tool 700 bar, type C13.

Application:

- Small in size, light weight, large force and operation is flexible.
- Ergonomic design for high- altitude operations, single person can easily work.
- Power display function to check the remaining battery power.
- 180 rotateable head.
- Start key and oil return key are designed independantley to prevent mis operation.
- Complete set of two - speed hydraulic system.
- External LED lighting, providin night operating vision.
- Suitable for joint, cable lugs, drooppers.



Part Number	Type	Operating Pressure (bar)	Nominal Compression Force (kN)	Stroke (mm)	Compression Cross Sections Cu (mm2)	Compression Cross Sections Al (mm2)	Compression Dies Type	Dimension (mm)	Weight (Kg)
PBC.13.1	C13	700	130	32	10 - 300	10 - 240	C13	402 X 94 X 309	7.0
PBC.13.2	C13	700	130	38	10 - 400	10 - 300	C13	419 X 94 X 312	7.5

Battery Operated Insulated Hydraulic Crimping Tool 700 bar, type C13.

Application:

- Small in size, light weight, large force and operation is flexible.
- Ergonomic design for high- altitude operations, single person can easily work.
- Power display function to check the remaining battery power.
- 180 rotateable head.
- Start key and oil return key are designed independantley to prevent mis operation.
- Complete set of two - speed hydraulic system.
- External LED lighting, providin night operating vision.
- Suitable for joint, cable lugs, drooppers, full-tension joint and C&E clamps.



Part Number	Type	Operating Pressure (bar)	Nominal Compression Force (kN)	Stroke (mm)	Compression Cross Sections Cu (mm2)	Compression Cross Sections Al (mm2)	Compression Dies Type	Dimension (mm)	Weight (Kg)
PBAC.13.1	C13	700	130	32	10 - 300	10 - 240	C13	390 x 94 x 330	7.1
PBAC.13.2	C13	700	130	38	10 - 400	10 - 300	C13	392 x 94 x 330	7.8
PBAC.13.3	C13	700	130	42	400	400	C13	392 x 94 x 330	7.8

Die - free battery - operated Hyrdraulic Crimping Tool 700 bar, type U.

Application:

- Hexagonal die- free crimping.
- Small in size, light weight, large force and operation is flexible.
- Ergonomic design for high- altitude operations, single person can easily work.
- Power display function to check the remaining battery power.
- 180 rotateable head.
- Start key and oil return key are designed independantley to prevent mis operation.
- Complete set of two - speed hydraulic system.
- External LED lighting, providin night operating vision.
- Suitable for joint, cable lugs.



Part Number	Operating Pressure (bar)	Nominal Compression Force (kN)	Compression Cross Sections Cu (mm2)	Compression Cross Sections Al (mm2)	Dimension (mm)	Weight (Kg)
PBDF.24	750	130	10 - 300	10 - 240	446x336x91	11.2

Manual Hydraulic Cutting Tool

Application:

- High quality alloy steel blade, via special heat - treating process, sturdy and durable.
- Double - edged design for fast cutting speed.
- The handle resets automatically, which makes operation easy and working efficiently.
- 180 rotateable head



Part Number	Nominal Compression Force (kN)	Cutting diameter (mm)	Steel wire rope (mm)	ACSR cable (mm ²)	Steel Strand Cable (mm ²)	Dimension (mm)	Weight (Kg)
CH.25	200	36	25	630	150	614 x 88 x 155	9.7

Manual Hydraulic Cutting Tool

Application:

- High quality alloy steel blade, via special heat - treating process, sturdy and durable.
- Double - edged design for fast cutting speed.
- The handle resets automatically, which makes operation easy and working efficiently.
- 180 rotateable head



Part Number	Cutting Diameter (mm)	Steel wire rope (mm)	ACSR cable (mm ²)	Steel Strand Cable (mm ²)	Dimension (mm)	Weight (Kg)
CH.25	25	16	240	150	152x70x390	3.4

Battery Operated Hydraulic Cutting Tool

Application:

- High quality alloy steel blade, via special heat - treating process, sturdy and durable.
- Double blade design makes cutting speed fast.
- Ergonomic design for high - altitude operations, single person can easily work.
- Power display function to check the remaining battery power.
- Built in high pressure safety valve.
- 180 rotateable head
- External LED lightning providing night operating vision.



Part Number	Operating Pressure (bar)	Nominal Compression Force (kN)	Cutting Diameter (mm)	Steel wire rope (mm)	ACSR cable (mm2)	Steel Strand Cable (mm2)	Dimension (mm)	Weight (Kg)
CHB.36	700	200	36	25	630	150	426X95X337	5.3

Battery Operated Hydraulic Cutting Tool

Application:

- High quality alloy steel blade, via special heat - treating process, sturdy and durable.
- Double blade design makes cutting speed fast.
- Ergonomic design for high - altitude operations, single person can easily work.
- Power display function to check the remaining battery power.
- Built in high pressure safety valve.
- 180 rotateable head
- External LED lightning providing night operating vision.



Part Number	Cutting Diameter (mm)	Steel wire rope (mm)	ACSR cable (mm2)	Steel Strand Cable (mm2)	Dimension (mm)	Weight (Kg)
CHB.25	25	16	240	150	333X94X320	5.3

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