

# Tool Catalog



 From useful ...

 ... to indispensable.



# World leader

Doppelmayr firmly believes that only the best is good enough for its customers. That applies to our products and services in equal measure. And that is why, as global market leader, Doppelmayr builds the best ropeways and maintains a close-knit customer support network to ensure a rapid response at all times.

Doppelmayr's customer support staff provide assistance for operations managers and their teams in the day-to-day running of their ropeway installations – worldwide. We have compiled a comprehensive catalog to make sure that you have the right tools for the job. Here you will find the appropriate tools that will enable you to carry out your work professionally, speedily and, above all, safely. Having the right equipment will not only boost the competence of your personnel but also reduce running costs.

This catalog contains very few conventional tools of the type that you are already familiar with. Here you will find special tools which have been designed and built specifically for use on your ropeway. To keep the

catalog as lean and as easy to use as possible, the emphasis has been placed on the most important and the most frequently used tools. The extended product range can be found on the Doppelmayr service portal at [service.doppelmayr.com](http://service.doppelmayr.com). For special inquiries or for further information on individual articles or services, please contact a member of our customer support staff direct.

We hope this catalog will prove to be a useful and effective aid in your daily operations.

Yours sincerely  
Peter Thurner



Head of Customer Support



## Ropeway Assistant

The Ropeway Assistant is an electronic spare parts catalog for D-Line and 3S lifts.

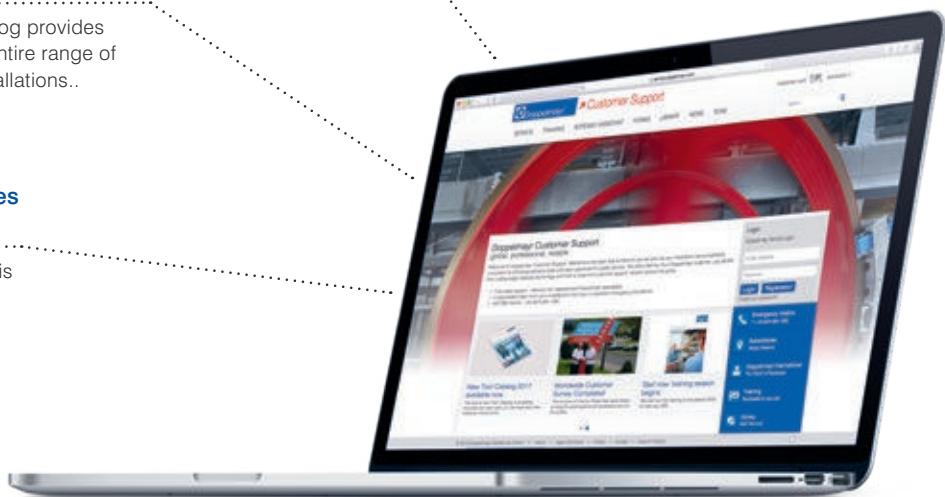
## Electronic Tool Catalog

The Electronic Tool Catalog provides a good overview of the entire range of tools for all ropeway installations..

## View and book all training courses online

The complete training course calendar is available online and you can also book your preferred date online.

For further information visit:  
[service.doppelmayr.com](http://service.doppelmayr.com)



# Contents

---

<b>CARRIERS</b> .....	<b>6</b>
Assembly clamp for rubber bumpers .....	8
Suspension carriage .....	8
Maintenance cart for 3S carriage .....	8
Adjustment device for restraining bar support .....	8
Closing force measuring device .....	9
Cleaning cloth .....	9
Assembly tool for elastic buffer replacement .....	9
Assembly tool for chairs .....	9
Water tank .....	10
Protective seat cover .....	10
Transport frame for chairs .....	11
Chair lift cart .....	11
Chair suspension hook for workshop .....	11
Tool for rubber-metal bushings .....	11
Tool for torsion springs .....	12
Tensioning tool for compression springs .....	12
Digital spring scale .....	12
Tensioning tool complete, 4/6E98 .....	12
Sickle spanner, DIN1810 .....	13
Tool for Meflex sealing nut .....	13
Removal tool for restraining bar bearings .....	13
<b>GRIPS</b> .....	<b>14</b>
Pretensioning device DT106/108 .....	16
Measuring tool for secondary thrust springs .....	16
Grip opening tool .....	16
Pull force testing device .....	17
Grip mouth gauge set .....	18
Mounting device for grip bushings .....	19
Mounting device for bearing replacement .....	19
Assembly aid for DT grips .....	19
<b>SURFACE LIFTS</b> .....	<b>20</b>
Melting tube .....	22
Knot tightener .....	22
Threading device for towing cable knot, EV644 .....	22
Knot screw for rubber bumpers .....	22
Grip relocation tool .....	23
Pressmax .....	23
Bullwheel liner mounting device .....	23
Hanger head wear gauge .....	23
<b>Punch for bushing replacement</b> .....	<b>24</b>
<b>Optikrik</b> .....	24
<b>Sheave liner mounting device</b> .....	24
<b>Piercer</b> .....	24
<b>Rope lifter</b> .....	25
<b>Grind-out tool for brake liner types IIWN and IES</b> .....	25
<b>Spring winding tool for retraction springs</b> .....	25
<b>Hand reamer</b> .....	26
<b>Key for band brake</b> .....	26
<b>LINE/ SHEAVE ASSEMBLIES</b> .....	<b>28</b>
<b>Anchor pretensioning device</b> .....	30
<b>Hydraulic mounting device</b> .....	30
<b>Break fork puller</b> .....	30
<b>Setting gauges</b> .....	31
<b>Toolset for the replacement of bearings and bushings</b> .....	31
<b>Piercer</b> .....	32
<b>Sheave assembly axle turning tool</b> .....	32
<b>Attachment eye for anchor</b> .....	32
<b>Wear gauge</b> .....	33
<b>Tool for sheave assembly adjustment</b> .....	33
<b>Rope lifter</b> .....	34
<b>Hydraulic rope lifter with power unit</b> .....	34
<b>Lifting jack</b> .....	35
<b>Hydraulic rope lifter with pump</b> .....	35
<b>Sheave lifter</b> .....	35
<b>HYDRAULIC AND DRIVE SYSTEMS</b> .....	<b>36</b>
<b>Pinion adjustment wrench for Poclain motor</b> .....	38
<b>Refill and testing device</b> .....	38
<b>Filter pump unit</b> .....	38
<b>Wrench for chain coupling</b> .....	39
<b>Closing link opener</b> .....	39
<b>Pressure gauge set (40, 250, 600)</b> .....	39
<b>Ring-type wrench for emergency brake cylinder</b> .....	39
<b>Tool set for fitting and removal of gaskets</b> .....	40
<b>Tool set for fitting and removal of O-rings</b> .....	40
<b>SPM measuring device</b> .....	40

---

<b>STATIONS</b> .....	<b>42</b>	Deflection pulley .....	58
Belt tension gauge .....	44	Hoist trolley .....	58
Fork wrench for proximity switches .....	44	Lever chain hoist .....	59
V-belt tensioning tool .....	44	Shackle .....	59
Setting gauge for UNIG PTO drive .....	44	Ratchet puller hoist .....	59
Rope lifter for UNIG		Wire rope grip .....	60
entrance sheave assemblies .....	45	Gauge rod .....	60
Rope lifter .....	45	Deflection and assembly pulley .....	60
Rope lifter for horizontal guide sheave .....	45	Clamp plate .....	61
Tire mounting device .....	45	Pulley block .....	61
Tire mounting device for 3S .....	46	Auxiliary pulling cable .....	61
Measuring tool for grip		Round sling .....	62
opening/closing line alignment .....	46	Lifting ring M20 .....	62
V-belt tensioner .....	46		
Bullwheel liner groove milling tool .....	47	<b>GENERAL</b> .....	<b>64</b>
Lubricator .....	47	Tape measure .....	66
Bullwheel liner mounting device .....	48	Tool case complete with hand tools .....	66
Cleaning and maintenance platform .....	48	Paint spray .....	66
Maintenance tool for brake coupling .....	48	Zinc paint .....	67
Plastic clip .....	49	Lever-type grease gun .....	67
Impact socket for Halfen bolt .....	49	Grease gun with grease meter .....	67
Working platform .....	49	Torque wrench .....	67
Unlocking rod .....	49	Silicone sealant skeleton gun .....	68
<b>ELECTRICAL EQUIPMENT</b> .....	<b>50</b>	Adhesive tape with Doppelmayr logo .....	68
Power unit for charging frequency		Edge protector .....	68
converter link capacitors .....	52	Hydraulic unit .....	68
Alignment aid ARH 96 .....	52	Electric pump with remote control .....	68
Multimeter .....	52	Hydraulic jack .....	69
Revolution counter .....	52	Electronic distance meter .....	69
Clamp meter .....	53	Adapter .....	69
Tool case .....	53	Aluminum rod .....	69
Oscilloscope .....	53	Tire lever .....	69
Multifunctional testing device .....	53	Wire brush .....	69
Remote maintenance ETH		Screwdriver .....	70
modem case .....	54	Drill bit set .....	70
RPD signal tester (test box) .....	54	Allen wrench .....	70
Infrared thermometer .....	54	Caliper gauge .....	70
Network cable tester .....	54	Impact socket, long .....	70
<b>LIFTING GEAR</b> .....	<b>56</b>	Countersink 90° .....	71
TIRFOR manual hoist .....	58	Machine tap .....	71
HIT TRAC rope-pulling machine .....	58	Screw extractor set .....	71
		Wrench .....	71
		Oils and greases .....	72



# CARRIERS

A photograph of a ski lift system in a snowy mountain landscape. The image is taken from a high vantage point, looking down the length of a lift tower. The tower is a complex structure of blue-painted steel beams and cables. In the foreground, a black and red ski lift chair is visible. The background features majestic, snow-covered mountain peaks under a clear blue sky.



## ASSEMBLY CLAMP FOR RUBBER BUMPERS

Used to release the rubber bumpers and ease disassembly.



Type:

ID number

➤ Assembly clamp for releasing rubber bumpers on quad chairs and 6-seater chairs	10284182
➤ Assembly clamp for rubber bumper replacement on 6-seater chairs	10888087
➤ Assembly clamp for releasing rubber bumpers on 8-seater chairs	11260475
➤ Assembly clamp for rubber bumper replacement on 8-seater chairs	11083109



## SUSPENSION CARRIAGE

[Hire tool](#)

For inspection and maintenance work, the suspension carriage can be used to park the carrier comfortably. The complete suspension carriage serves as grip replacement.

Type:

- For grip A104
- For grip A108
- For grip DT104
- For grip DT106
- For grip DT108

ID number

- 10864689
- 10864691
- 10217864
- 10220562
- 10220563

Type:

- For grip DS104
- For grips DS106, DS108
- For grip D1000
- For grip D3000
- For grip D5000

ID number

- 10220536
- 10220537
- 11427038
- 11427035
- 11371518



## MAINTENANCE CART FOR 3S CARRIAGE

For maintenance work on 3S carriages

Type:

- Maintenance cart

ID number

- 11359875



## ADJUSTMENT DEVICE FOR RESTRAINING BAR SUPPORT

This device is used for correct adjustment of the restraining bar supports. For 8CS10 or 8E98(B)/FM(V) only

Type:

- Adjustment device

ID number

- 11394710



## CLOSING FORCE MEASURING DEVICE

Required to measure the closing force of cabin doors.

Type:

- Basic model
- Premium model

ID number

**11312797**

**11246911**



## CLEANING CLOTH

Special, extra-strong cloth for cleaning bubbles.

Unique cloth design manufactured using a special weaving technique for extra-fine droplet formation. Cleans streak-free.

Use with water only, can be used immediately when damp.

Colors: blue, green. Size: 35 x 45 cm

Type:

- Cleaning cloth for bubbles

ID number

**10822205**



## ASSEMBLY TOOL FOR ELASTIC BUFFER REPLACEMENT

Assembly tool for easy replacement of elastic buffers in the chair suspension.

Type:

- Suitable for suspension of 4E, 4E95, 4E98 chairs
- Suitable for fixed-grip 6E98 chairs
- Suitable for 6E and 6E95 chairs

ID number

**10312067**

**10344805**

**10344443**



## ASSEMBLY TOOL FOR CHAIRS

This assembly tool helps to facilitate and speed up replacement of the rubber bumpers and hanger arm.

Type:

- Assembly tool for 6-seater chair with bubble E98
- Assembly tool for 4E98 for CGD lifts

ID number

**10576068**

**10664428**



## WATER TANK

The water tank is used for the purpose of load tests.

Important: The water tank is delivered without filler hose and filler valve! One filler hose is required per water tank. Only one filler valve is required to fill all water tanks.

Type:

- Water tank for double chair, 190 kg
- Water tank for quad chair, 380 kg
- Water tank for 6-seater chair, 570 kg
- Water tank for 10-passenger cabin, 800 kg

ID number
10405458
10405459
10405460
11423949

Accessories:

- Filler hose with camlock quick-release coupling, required per tank
- Filler valve for water tank, with Storz C coupling
- Filler valve for water tank, with camlock quick-release coupling

10487508
10488175
10488178

## PROTECTIVE SEAT COVER



This seat cover offers optimum protection for various chair types against rain and snow as well as UV radiation in the winter and during longer shutdowns in the summertime. It also prevents premature aging.

Type:

- For type E double chairs for seat
- For type E double chairs for seat (longer design)
- For 4E98 chairs with seat folded up
- For 4E98 chairs with backrest folded down
- For 4E98/FM chairs with backrest folded down
- For 6E98 chairs with seat folded up
- For 6E98 chairs with backrest folded down
- For 6E98/FMV chairs with backrest folded down

ID number
10986486
11248383
10520383
10520397
11140778
10520394
10520398
11168093



## TRANSPORT FRAME FOR CHAIR

Transport frame with locking casters for the various chair types

Type:

- Transport frame for quad chair
- Transport frame for 6-seater chairs
- Transport frame for 8-seater chairs

ID number

**10947238**

**10946901**

**10947204**



## CHAIR LIFT CART

The chair lift cart is used to transport chairs when performing periodic lubrication on the hanger head or when replacing wear parts on double, triple, quad and 6-seater chairs.

Type:

- Chair lift cart, galvanized, for double, triple and quad chairs with bubble
- Chair lift cart, galvanized, for quad and 6-seater chairs with bubble

ID number

**10388146**

**10404451**



## CHAIR SUSPENSION HOOK FOR WORKSHOP

The chair suspension hook is used to hang up the carrier in the workshop; however, it is not suitable for use on the maintenance platform in the station.

Type:

- L = 1,195 mm for all chairs except 4-CLD
- L = 875 mm for 4-CLD chairs

ID number

**10365891**

**10365591**



## TOOL FOR RUBBER-METAL BUSHINGS

This tool is used to assemble and dismantle rubber-metal bushings.

Type:

- For the assembly of type E98 8-seater chairs with bubble
- For the disassembly of type E98 8-seater chairs with bubble

ID number

**10333769**

**10333745**



## TOOL FOR TORSION SPRINGS

Pliers for turning the torsion springs



Type:

- ↗ For right torsion spring on restraining bar, type 2E chair
- ↗ For left torsion spring on restraining bar, type 2E chair

ID number

**11452412**

**11453931**



## TENSIONING TOOL FOR COMPRESSION SPRINGS

This tensioning tool is used to relieve the compression springs in the suspension.

Type:

- ↗ For type E98 8-seater chairs with bubble
- ↗ For type E98 6-seater chairs with bubble

ID number

**10370326**

**10422514**



## DIGITAL SPRING SCALE

For measuring restraining bar and bubble forces on chairs.

Maximum weight: 50 kg

Power supply: 9V block battery

Type:

- ↗ Digital spring scale

ID number

**11432659**



## TENSIONING TOOL COMPLETE, 4/6E98

This tensioning tool is used to adjust the pretensioning of the bubble torque spring.

Type:

- ↗ Tensioning tool complete, for type E98 quad and 6-seater chairs

ID number

**10283375**

## SICKLE SPANNER, DIN1810



The sickle spanner is used to set and readjust the lockable bubble mechanism and its bearing clearance.

Type:

- Sickle spanner DIN1810 – A30/32
- Sickle spanner DIN1810 – A45/50

ID number

**10021846**

**10016757**



## TOOL FOR MEFLEX SEALING NUT

For opening / closing the Meflex sealing nut

Type:

- Meflex sealing nut
- Special socket for grooved nut M20x1

ID number

**11688842**

**11413718**

## REMOVAL TOOL FOR RESTRAINING BAR BEARINGS



The mandrel makes it easier to remove the bearings on restraining bars

Type:

- For RGL GE06 bearings
- For RGL GE08 bearings
- For RGL GE10 bearings

ID number

**11512934**

**10990047**

**10990049**



A close-up, low-angle shot of a roller coaster track. The track is dark blue and features a vertical support structure with a curved metal plate. A wooden grip, which is light brown and rounded, is attached to the track. The background shows the track curving away into the distance under a clear blue sky.

GRIPS

## PRETENSIONING DEVICE DT106/108



This pretensioning device is only suitable for the mechanical grip force testing (secondary thrust spring pack) of DT106 and DT108 grips.

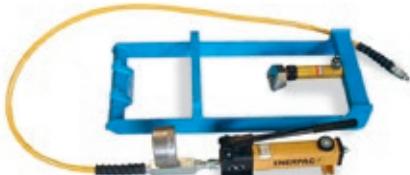
Type:

- ↗ For grip force testing of secondary thrust spring pack

ID number

**10164382**

## MEASURING TOOL FOR SECONDARY THRUST SPRINGS



This measuring tool is only suitable for mechanical grip force testing. It is supplied with hydraulic cylinder Europac AC53, 76 mm stroke, including thrust piece and multipurpose hydraulic cylinder. The hand pump is not included in the scope of delivery.

Type:

- ↗ For the secondary thrust springs on DT106 grips with grip force testing and DT108 grips with grip force testing manufactured since 1996
- ↗ For the secondary thrust springs on DT106 grips with grip force testing and DT108 grips with grip force testing manufactured before 1996

ID number

**10189829**

**10178738**

## GRIP OPENING TOOL



Used for opening the grip on the rope, e.g. if the carrier is to be removed from the rope outside the station.

Type:

- ↗ Opening tool for grips DT106, DT108 on the rope incl. cylinder with hand pump set

ID number

**11200881**

- ↗ Opening tool pliers for DT104

**10222160**

- ↗ Opening tool pliers for DT106, DT108

**10222441**

- ↗ Opening tool pliers for DT215

**10799741**

- ↗ Cylinder with hand pump set for grip opening tool DT106, DT108

**10214370**

- ↗ Opening tool for A108 grips for opening grip on the rope

**11094201**

- ↗ Assembly tool for A198 grips for pretensioning main spring (not shown)

For type without grip force testing

**10756230**

For type with grip force testing

**10262301**



## PULL FORCE TESTING DEVICE

Complete tool set for testing the pull force of detachable grips on the rope and on the testing rod. Please note that the ID number varies depending on the rope diameter.

### Type:

	ID number
➤ For detachable grip A104, 25 kN, for rope diameter 38 mm	10640488
➤ For detachable grip A104, 25 kN, for rope diameter 41 mm	10640494
➤ For detachable grip A104, 25 kN, for rope diameter 42 mm	10640497
➤ For detachable grips DT106 and A104, 25 kN, for rope diameter 43 mm	10720596
➤ For detachable grip A104, 25 kN, for rope diameter 45 mm	10640503
➤ For detachable grip A104, 25 kN, for rope diameter 46 mm	10585616
➤ For detachable grips DT106 and A104-C, 35 kN, for rope diameter 44 mm	10323082
➤ For detachable grips DT106 and A104-C, 35 kN, for rope diameter 45 mm	10323083
➤ For detachable grips DT106 and A104-C, 35 kN, for rope diameter 46 mm	10620396
➤ For detachable grip DT106, 35 kN, for rope diameter 38 mm	10323079
➤ For detachable grip DT106, 35 kN, for rope diameter 46 mm	10323080
➤ For detachable grip DT106, 35 kN, for rope diameter 43 mm	10323081
➤ For detachable grip DT106, 35 kN, for rope diameter 47 mm	10323084
➤ For detachable grip DT104, 25 kN, for rope diameter 34 mm	10640457
➤ For detachable grip DT104, 25 kN, for rope diameter 35 mm	10640460
➤ For detachable grip DT104, 25 kN, for rope diameter 36 mm	10640462
➤ For detachable grip DT104, 25 kN, for rope diameter 38 mm	10640487
➤ For detachable grip DT104, 25 kN, for rope diameter 39 mm	10640490
➤ For detachable grip DT104, 25 kN, for rope diameter 41 mm	10640493
➤ For detachable grip DT104, 25 kN, for rope diameter 43 mm	10640498
➤ For detachable grip DT104, 25 kN, for rope diameter 45 mm	10640502



Type:	ID number
✗ For detachable grip DT108, 35 kN, for rope diameter 41 mm	10323085
✗ For detachable grip DT108, 35 kN, for rope diameter 43 mm	10323086
✗ For detachable grip DT108, 35 kN, for rope diameter 44 mm	10376976
✗ For detachable grip DT108, 35 kN, for rope diameter 45 mm	10323087
✗ For detachable grip DT108, 35 kN, for rope diameter 46 mm	10386484
✗ For detachable grip DT108, 35 kN, for rope diameter 47 mm	10323088
✗ For detachable grip DT108, 35 kN, for rope diameter 48 mm	10323089
✗ For detachable grip DT108, 35 kN, for rope diameter 50 mm	10323090
✗ For detachable grip DT108, 35 kN, for rope diameter 52 mm	10323091
✗ For detachable grip DT108, 35 kN, for rope diameter 54 mm	10323092
✗ For detachable grip DT108, 35 kN, for rope diameter 56 mm	10323093
✗ For detachable grip DT108, 45 kN, for rope diameter 58 mm	11110031
✗ For fixed grips, 25 kN, for rope diameter 36 mm	10640465

## Accessories:

✗ Force and pressure gauge 0–60 kN, NG 100 for grip tool	10007048
✗ Testing rod for pull force testing device, diameter 36 mm	10153964
✗ Calibration spring pack for pull force testing device 25+35 kN	10324094
✗ Hydraulic grip relocating device with pressure gauge display, for grips DS14, TC14, QC18	10393546
✗ Hydraulic grip relocating device with pressure gauge display, for grips FG2	10757005
✗ Hydraulic grip relocating device with pressure gauge display, for grips FG4	10536810

## GRIP MOUTH GAUGE SET



For checking the grip mouth and the geometry of the grips.

Type:	ID number
✗ Ø 34–64 mm (only available as set)	11800402

## MOUNTING DEVICE FOR GRIP BUSHINGS



Consists of mounting device and accessories for the different grip types

Type:

- Basic version for all grip types
- Basic version for mounting DT, DS and AGA grip bushings

ID number

**11540732**

**10898169**

Accessories:

➤ Accessory set for grip bushings DS104, DS108, DS118	<b>10898170</b>
➤ Accessory set for grip bushings DT104, DT106, DT108, DT215	<b>10898171</b>
➤ Accessory set for grip bushings A104C, 108C	<b>10898172</b>
➤ Accessory set for grip bushings DT, DS und AGA	<b>11540756</b>
➤ Accessory set for grip bushings D1000	<b>11540751</b>
➤ Accessory set for grip bushings D3000	<b>11540750</b>
➤ Accessory set for grip bushings D5000	<b>11540749</b>

## MOUNTING DEVICE FOR BEARING REPLACEMENT



This mounting device is suitable for replacing the bearings of guide rollers, grip operating rollers and running wheels. It comprises the extraction and pressing tool.

Type:

- Mounting device for bearing replacement on all grips
- Mounting device for bearing replacement on A grips

ID number

**10458666**

**80082762**

## ASSEMBLY AID FOR DT GRIPS



This device helps to protect the bushings in the hanger head when installing the grip.

Type:

- For grip DT104G
- For grip DT104
- For grips DT106 and DT108

ID number

**10387849**

**10244640**

**10244661**



# SURFACE LIFTS





## MELTING TUBE

The melting tube helps to form the melted towing cable ends during spring box replacement.

Type:

- ↗ Melting tube for rope diameter 5 mm
- ↗ Melting tube for rope diameter 6 mm

ID number

**10022845**

**10022844**



## KNOT TIGHTENER

This tool is used to tighten the towing cable knots. It can be screwed onto the workbench.

Type:

- ↗ Knot tightener

ID number

**10232173**



## THREADING DEVICE FOR TOWING CABLE KNOT, EV644

This sleeve is used to protect the knot end while threading it into rubber bumper EV644.

Type:

- ↗ Threading device for towing cable knot, EV644

ID number

**10216064**



## KNOT SCREW FOR RUBBER BUMPERS

This tool is used to pull the knot end of the towing cable out of rubber bumper EV644.

Type:

- ↗ Tool with integrated melting tube

ID number

**10022847**

## GRIP RELOCATION TOOL



Suitable for the relocation of surface lift grips with the following spring pack types: S70A, S70B, ANRV, BCNRV.

Type:

- Mechanical grip relocation tool

ID number

**10189728**



## PRESSMAX

For pressing the old hanger tube out of the cross piece and pressing in the new one.

Type:

- Pressing tool incl. bore gauge for T-bars

ID number

**11142852**



## BULLWHEEL LINER MOUNTING DEVICE Hire tool

This mounting device is used to press the liner into the bullwheel.

Type:

- Universal tool with adapter
- Adapter for surface lift bullwheels incl. fasteners

ID number

**10436397**

**10436961**

Accessories:

- Tire mounting paste, 10 kg

**10524235**

## HANGER HEAD WEAR GAUGE



For measuring the extent of wear on the hanger head of the towing unit simply and speedily. Green means OK; red indicates that the hanger head must either be welded on or replaced

Type:

- Gauge for hanger head wear

ID number

**11084928**

## PUNCH FOR BUSHING REPLACEMENT



Punch for simple replacement of hanger head bushings on hanger arm types 0A and BC

Type:

- ↗ Punch for bushing removal

ID number  
**10989498**

## OPTIKRIK



For measuring the pretensioning force of V-belts

Type:

- ↗ Optikrik 1

Measuring range: 150–600 N

ID number  
**10615273**



## SHEAVE LINER MOUNTING DEVICE

For easy and speedy replacement of rubber sheave liners.

Type:

- ↗ For types A-C and C-C
- ↗ For type 0E-C

ID number  
**10148439**  
**10148438**

## PIERCER



Tool for simple removal and insertion of sheave axles.

Type:

- ↗ For sheave type 0E/A, Ø 19 mm, L = 120 mm
- ↗ For sheave type C, Ø 24 mm, L = 150 mm

ID number  
**10012992**  
**10020442**

## ROPE LIFTER



Rope lifter for lifting the haul rope off individual sheave assembly evener frames.

Type:

ID number

- Rope lifter type 0E and AC,  
for sheave assemblies with rope catcher, types A and C
- For sheave assembly type 0E, electrogalvanized,  
adjustment range H = 96–131 mm

**10013038**

**10106269**



## GRIND-OUT TOOL FOR BRAKE LINER TYPES IIWN AND IES

This tool ensures that the brake liners are ground out in true circularity.

Type:

ID number

- For grinding out IES liners
- Snap ring for IES liners
- For grinding out IIWN liners
- Snap ring for IIWN liners

**10053826**

**10620418**

**11415358**

**10621654**



## SPRING WINDING TOOL FOR RETRACTION SPRINGS

This tool can be used for all retraction spring types on Doppelmayr installations to wind up built-in springs in an open housing.

Type:

ID number

- Spring winding tool

**10022855**



## HAND REAMER

To ream the bushing during grip shaft assembly. Bearing clearance can thus be individually adjusted depending on the assembly situation. This will ensure the longest possible service life of the bushing.

Type:  
 Ø 32 mm H7 HSS

ID number  
**10811870**



## KEY FOR BAND BRAKE

For positioning and adjusting the brake band of the spring box. To be used for assembly, e.g. when replacing the spring, suitable for spring boxes of type IIMTN.

Type:  
 Key for band brake

ID number  
**10053824**







# LINE/SHEAVE ASSEMBLY



## ANCHOR PRETENSIONING DEVICE

[Hire tool](#)

For pretensioning the tower anchors. This tool is also available for hire.

Type:

- ↗ High-pressure pump complete with hose, 1,600 bar
- ↗ Anchor pretensioning device complete with pump M 49 x 3
- ↗ Anchor pretensioning device complete with pump M 27 x 2, M 37 x 3
- ↗ Anchor pretensioning device complete with pump for anchors M 36 x 4, M 37 x 3, M 48 x 5, M 49 x 3
- ↗ Anchor pretensioning device with threaded insert M 49 x 3
- ↗ Anchor pretensioning device with threaded insert M 27 x 2, M 37 x 3

ID number  
**10290511**  
**10417027**  
**10417024**  
**11118906**  
**10290512**  
**10290513**



## HYDRAULIC MOUNTING DEVICE

Device for sheave liner replacement

For sheave types 400, 401, 401C, 403, 420C, 500, 501, 501C and for PTO sheaves

- ↗ 380–400 V / 50 Hz
- ↗ 440–480 V / 60 Hz
- ↗ 120–240 V / 60 Hz

ID number  
**10535144**  
**10763906**  
**11445317**



For sheave types 420C, 501C, 550C and for PTO sheaves

- ↗ 380–400 V / 50 Hz
- ↗ 440–480 V / 60 Hz

**11400587**  
**11675644**

For 3S sheave types 550, 501, carriage

- ↗ 380–400 V / 50 Hz

**11400565**



Accessories:

- ↗ Hoisting crane

**11115841**



## BREAK FORK PULLER

Tool for simple removal of break forks

Type:  
 ↗ Suitable for all break forks

ID number  
**11439891**

## SETTING GAUGES

For the adjustment of RPD switches and the break fork actuating gauges of various sheave assembly types



Type:

- » Setting gauge for break fork actuating gauge 401C
- » Setting gauge for break fork actuating gauges 501C / 420C
- » Setting gauge for break fork actuating gauges 550C / 501CS

ID number

- 10561972**
- 10912544**
- 11473463**

- » For RPD switch setting on sheave assembly type 401C
- » For RPD switch setting on sheave assembly type 420C
- » For RPD switch setting on sheave assembly type 501C
- » For RPD switch setting on sheave assembly type 501CS
- » For RPD switch setting on sheave assembly type 550C

- 10535990**
- 10535996**
- 10536001**
- 11581465**
- 11466814**

Accessories:

- » Aluminum ruler for RPD switch adjustment
- » Test shell for type 420C / 501C, rope Ø 41–48
- » Test shell for type 420C / 501C, rope Ø 49–60
- » Test shell for type 501CS / 550C, rope Ø 58–60
- » Test shell for type 501CS / 550C, rope Ø 62–64
- » Test shell for type 401C, rope Ø 34–40
- » Test shell for type 401C, rope Ø 41–45
- » Deactivating cover for RPD
- » Plate for attenuation equalization when testing RPD switch function

- 10344681**
- 11371057**
- 11432127**
- 11526290**
- 11468145**
- 11377164**
- 11432820**
- 10384367**
- 10556767**

## TOOL SET FOR REPLACEMENT OF BEARINGS AND BUSHINGS

[Hire tool](#)

Facilitates the task of replacing the ball bearings on sheaves and the glacier bushes on sheave assemblies, cabins and chair hanger arms.



Type:

- » Tool set for sheave bearing replacement

- 10572111**

Accessories:

- » Tool set for bearing replacement on D-Line PTO sheave 550
- » Tool set for bearing replacement on 3S

- 11796191**
- 11796192**

## PIERCER



Tool for easy removal and insertion of sheave axles.

Type:

		ID number
✗ For sheave type 0E/A	Ø 19 mm, L = 120 mm	10012992
✗ For sheave type C	Ø 24 mm, L = 150 mm	10020442
✗ For sheave type 400	Ø 24 mm, L = 100 mm	10012991
✗ For sheave type 401C, 420C	Ø 24 mm, L = 100 mm	10532316
✗ For sheave type 500	Ø 29 mm, L = 200 mm	10018203
✗ For sheave type 501C	Ø 29 mm, L = 100 mm	10532343
✗ For 2-wheel frame axle 420C	Ø 39 mm, L = 75 mm	10815118
✗ For 2-wheel frame axle 501C	Ø 49 mm, L = 85 mm	10815116

## SHEAVE ASSEMBLY AXLE TURNING TOOL



Tool for turning the sheave assembly axle

Type:

		ID number
✗ Axle turning tool for installations complying with CEN standards:		
✗ Axle turning tool, Ø 50–55 mm		10743378
✗ Axle turning tool, Ø 60–70 mm		10388825
✗ Axle turning tool, Ø 70–75 mm		10743346
✗ Axle turning tool, Ø 80–85 mm		10743412
✗ Axle turning tool, Ø 90 mm		10388931
✗ Axle turning tool, Ø 90–100 mm		10743439

Axle turning tool for installations built before the application of CEN standards:

✗ Axle turning tool, Ø 50 mm	10388841
✗ Axle turning tool, Ø 60–70 mm	10388825
✗ Axle turning tool, Ø 80 mm	10388806
✗ Axle turning tool, Ø 90 mm	10388931
✗ Axle turning tool, Ø 100 mm	10388932

## ATTACHMENT EYE FOR ANCHOR



Acts as an anchor for lifting tools, can be used to lift and lower sheave assemblies.

Type:

		ID number
✗ Attachment eye for anchor, M26, complete, 5,000 kg payload		10584690
✗ Attachment eye for anchor, M36, complete, 5,000 kg payload		10584691
✗ Attachment eye for anchor, M49, complete, 5,000 kg payload		10584692

## WEAR GAUGE



For easy and speedy measuring of rubber liner wear on the sheave.

### Type:

Type:	ID number
➤ Wear gauge for sheave type 0E-C	11067816
➤ Wear gauge for sheave type AC-C	11067788
➤ Wear gauge 392, special version for sheave type 403	11067767
➤ Wear gauge for sheave type 403	10566654
➤ Wear gauge for sheave type 403	11067708
➤ Wear gauge 412, special version for sheave type 420C	11557481
➤ Wear gauge for sheave type 420C	11067761
➤ Wear gauge for sheave type 501	10566653
➤ Wear gauge 481 for sheave type 501	10557373
➤ Wear gauge for sheave type 550C	11557490

## TOOL FOR SHEAVE ASSEMBLY ADJUSTMENT



### Type:

➤ Tool for sheave assembly adjustment, complete, including universal box, padlock, Leo 1 mounting adapter, Leo 2 mounting adapter, spacer sleeve mounting adapter, hydraulic cylinder nominal load 10 t, hand pump complete with 1,800 mm hose	11000065
➤ Hydraulic cylinder, nominal load 10 t, complete with, 900 mm hose	11000066
➤ Hand pump complete with 1,800 mm hose, reducer	11000067



### Accessories:

➤ 1 Mounting adapter, Leo 1	10647687
➤ 2 Mounting adapter, Leo 2	10647689
➤ 3 Mounting adapter, spacer sleeve	10652486
➤ Spacer 0.5 mm	10411564
➤ Spacer 1.0 mm	10403197
➤ Spacer 2.0 mm	10403198
➤ Spacer 3.0 mm	10400351
➤ Spacer 4.0 mm	10401808
➤ Spacer 5.0 mm	10410406



## ROPE LIFTER

Rope lifter with rope catcher to lift the haul rope off individual sheave assembly evener frames and off deflection and station sheave assemblies with more than three sheaves.

Type:

- ↗ **1** For sheave assembly types A and C, 0E and AC with rope catcher
- ↗ **2** For sheave assembly type 0E, electrogalvanized
- ↗ **3** Rope lifter 100 kN, for ropes up to Ø 64 mm
- ↗ **4** Rope lifter for sheave assembly type 401
- ↗ **5** Rope lifter complete, 60 kN, for ropes up to Ø 60 mm
- ↗ **6** Rope lifter for sheave assembly type 501
- ↗ Rope lifter for sheave assembly types 501CS, 550C

ID number

- 10013038**
- 10106269**
- 11463121**
- 10119337**
- 10119798**
- 10535100**
- 11561272**



## HYDRAULIC ROPE LIFTER WITH POWER UNIT

Lightweight rope lifter, easy to operate, with energy supply of its own, can be transported in the service carrier bail. Rope lifter for 5,000 kg and 10,000 kg. When ordering, please also indicate the ID number for cylinder with 5,000 kg or for cylinder with 10,000 kg.

The hoses can be connected under pressure.

Type:

- ↗ Hydraulic rope lifter, 250 bar, including 12 V power unit

ID number

- 11416046**



Accessories:

- ↗ Tensioning cylinder, 10 kN pull force and 600 mm stroke
- ↗ Tensioning cylinder, 5 kN pull force and 500 mm stroke

**11416047**

**11416048**

## LIFTING JACK



For the hydraulic rope lifter – suitable for sheave assembly types 401C-550C

### Type:

- Lifting jack, suitable for support and hold-down sheave assemblies 401C, 420C and 501C
- Lifting jack, suitable for support and hold-down sheave assemblies 550C, 501CS

ID number

**10860997**

**11574821**

### Accessories:

- Required for 550C / 501CS **11585965**
- Adapter console, complete, for lifting jack when handling hold-down and combination sheave assemblies 420C **10584926**

## HYDRAULIC ROPE LIFTER WITH PUMP



Hydraulic rope lifter for support and hold-down sheave assemblies.

### Type:

- For sheave types 401, 401C, 403, 420C, 501, 501C **11479419**
- For sheave types 401, 401C, 403, 420C, 501, 501C incl. hand pump **11526031**
- For sheave types 550C, 501CS incl. hand pump **11477041**

ID number

**11479419**

**11526031**

**11477041**

## SHEAVE LIFTER



The sheave lifter for combination sheave assemblies provides a simple means of spreading apart the swivel arms

### Type:

- Sheave lifter for sheave types 401C, 420C **10531665**
- Sheave lifter for sheave type 420CV **10759981**
- Sheave lifter for sheave types 550C, 501CS **11459600**

ID number

**10531665**

**10759981**

**11459600**



A photograph of an industrial interior, likely a ship's cargo hold or a large industrial vessel. The foreground features a large blue hydraulic unit with a circular access panel that has the brand name 'Paccalin' on it. To the left of the unit is a white control panel with several gauges and a digital display. A blue belt or cable is attached to the unit and runs along a metal track. The background shows the interior of the vessel with large arched windows and a metal floor with diamond plate patterns.

# HYDRAULIC AND DRIVE SYSTEMS

## PINION ADJUSTMENT WRENCH FOR POCLAIN MOTOR

Wrench with socket insert for adjusting the pinion position on the Poclain motor

Type:

-  Pinion adjustment wrench for Poclain motor

ID number

**10422779**



## REFILL AND TESTING DEVICE

For filling and testing accumulators of all kinds.

Type:

-  Refill and testing device

ID number

**10261748**



### Accessories:

These adapters are used to attach the refill and testing device to different accumulator couplings and country-specific connectors on nitrogen cylinders.

-  Adapter A2
-  Adapter G2
-  Adapter G3
-  Adapter G4
-  Adapter G10
-  Protective case

**10739623**

**10371117**

**10422170**

**10261750**

**10895317**

**10261749**



## FILTER PUMP UNIT Hire tool

Filter pump unit Dopp-Clean-03 including hoses and accessories. The filter pump unit is used for refilling and cleaning hydraulic and gear lubricant oil.

Type:

-  Filter pump unit incl. hoses – 3 x 380–480 V / 50–60 Hz
-  Filter pump unit incl. hoses – 1 x 120 V / 60 Hz
-  Filter pump unit incl. hoses – 1 x 230 V / 50 Hz

ID number

**10444536**

**10629356**

**10688130**



### Accessories:

Filter element for filtering and cleaning hydraulic and gearbox systems

-  Filter element 10 µm gearbox
-  Filter element 5 µm hydraulic system

**10117555**

**10311398**



## WRENCH FOR CHAIN COUPLING

For simple opening and closing of the chain coupling

Type:

- ↗ Wrench for chain coupling

ID number

**10015965**

## CLOSING LINK OPENER

For easy opening of closing link

Type:

- ↗ Closing link opener

ID number

**10175210**



## PRESSURE GAUGE SET (40, 250, 600)

Various pressure gauges for measuring on all hydraulic systems.

Type:

- ↗ Pressure measuring device for hydraulic unit 40, 250, 600 bar incl. measuring hose.

ID number

**10688735**



## RING-TYPE WRENCH FOR EMERGENCY BRAKE CYLINDER

For easy opening of the hydraulic cylinders of the emergency brake (e.g. for gasket replacement)

Type:

- ↗ Special wrench

ID number

**10116126**

Accessories/spare parts:

- ↗ Gasket set for emergency brake cylinder

**10019334**



## TOOL SET FOR FITTING AND REMOVAL OF GASKETS

This 5-piece tool set is a useful aid for the fitting and removal of hydraulic and pneumatic gaskets.

Type:  
 5-piece set

ID number  
**11510321**



## TOOL SET FOR FITTING AND REMOVAL OF O-RINGS

This 5-piece tool set is a useful aid for the fitting and removal of hydraulic and pneumatic O-rings.

Type:  
 5-piece set

ID number  
**11510320**

## SPM MEASURING DEVICE



Simple, portable measuring instrument for carrying out bearing condition analyses and vibration measurements in accordance with ISO 10816. Very well suited to bearing diagnostics, e.g. on electric motors and bullwheel bearings, as well as trend analyses on gear units and other rotating machine parts with antifriction bearings.

The measuring device is supplied with charger, carry case, transducer with quick connector, mini coax connector and SPM mini coax / slip-on measuring cable.

Type:  
 SPM measuring device

ID number  
**11536090**

Please contact customer support if you wish to retrofit measuring sensors to gearbox, motor or bullwheel bearings.







# STATIONS



## BELT TENSION GAUGES

For measuring belt pretensioning on tire conveyors and PTO sheaves.

Type:	ID number
➤ Optikrik 2	
Measuring range: 500–1,400 N	
For measuring belt pretensioning on tire conveyors	10212153
➤ Optikrik 3	
Measuring range: 1,300–3,100 N	
For measuring belt pretensioning on PTO sheaves	10430410



## FORK WRENCH FOR PROXIMITY SWITCHES

Special wrench for proximity switch assembly and disassembly.

Type:	ID number
➤ Fork wrench SW 60 for proximity switches	10694452



## V-BELT TENSIONING TOOL

Tensioning tool for readjusting belt tensioning

Type:	ID number
➤ For V-belts, UNIG, electrogalvanized	10689732
➤ Adjustment tool	11155135
This tool makes it easier to set the tire bearings parallel to one another.	



## SETTING GAUGE FOR UNIG PTO DRIVE



Setting gauge for PTO drive on UNIG installations.

Type:	ID number
➤ Setting gauge	10795350

## ROPE LIFTER FOR UNIG ENTRANCE SHEAVE ASSEMBLIES



Rope lifter for entrance sheave assemblies on UNIG installations

Type:

- ✖ Rope lifter for entrance sheave assemblies UNIG
- ✖ Rope lifter for entrance sheave assemblies UNIG15

ID number

**11183638**

**11310858**

## ROPE LIFTERS



Rope lifter for vertical sheaves, UNIG PTO sheaves and vertical deflection sheaves, for lifting off the haul rope in the grip opening/closing line.



Type:

- ✖ For all installation types except 15-MGD
- ✖ For installation type 15-MGD
- ✖ Rope lifter for fixed deflection sheave assemblies with double-end mounted sheaves and station sheave assemblies with more than three fixed sheaves
- ✖ Rope lifter for single-end mounted sheaves
- ✖ Rope lifter for station sheave assemblies with evener frames
- ✖ Rope lifter for guide sheaves

ID number

**10365321**

**10386379**

**10108623**

**10600504**

**10628172**

**10560525**

## ROPE LIFTER FOR HORIZONTAL GUIDE SHEAVE

The rope lifter is used to lift the horizontal guide sheave.

Type:

- ✖ Rope lifter for UNI-G horizontal guide sheave

ID number

**10557974**



## TIRE MOUNTING DEVICE

For removing tires from the rim as well as for fitting them; not suitable for 3S.

Type:

- ✖ For station tires

ID number

**10535161**

Accessories:

- ✖ Tire mounting paste, 10 kg

**10524235**



## TIRE MOUNTING DEVICE FOR 3S

For removing tires from the rim as well as fitting them; suitable for 3S.

Type:

-  For 3S station tires

ID number

**11793173**

Accessories:

-  Tire mounting paste, 10 kg

**10524235**



## MEASURING TOOL FOR GRIP OPENING/CLOSING LINE ALIGNMENT

This measuring tool for UNIG stations can be adapted to UNI stations in consultation with our technical customer support. An adaptation also requires a new table of records for grip O/C line settings.

Type:

-  Measuring tool for alignment of grip A104C
-  Measuring tool for alignment of grip A104G
-  Measuring tool for alignment of grip DT104
-  Measuring tool for alignment of grip DT104G
-  Measuring tool for alignment of grip DT106, DT108
-  Measuring tool for alignment of grip A108
-  Measuring tool for alignment of grip A108C
-  Measuring tool for alignment of grip DT215

ID number

**10724667**

**10515437**

**10939324**

**10515434**

**10515435**

**10739168**

**10724580**

**10515436**



## V-BELT TENSIONER

For UNIG stations and XPC double and single belts; suitable for retensioning individual V-belts. To be used as a temporary solution if a V-belt rips in operation and replacement can only be carried out outside operating hours.

Type:

-  V-belt tensioner – 0 degree

ID number

**10413477**



## BULLWHEEL LINER GROOVE MILLING TOOL

[Hire tool](#)

This tool is used to mill a groove into the bullwheel liner so that it can be lifted out and removed easily.

Type:

- Surface milling cutter

ID number

**11415373**

Accessories:

- End milling cutter

**11417265**



## LUBRICATOR

Device for lubricating the grip operating rollers and outer guide rollers

Type:

- For UNI DT104 – DT108, battery
- For UNI DT104 – DT108 24 V
- For UNIG DT104G – DT108 battery
- For UNIG DT104G – DT108 24 V
- For UNIG A104, A108 battery
- For UNIG A104, A108 24 V
- For DS104 battery (for grip operating roller only)
- For DS108 battery (for grip operating roller only)

ID number

**11250163**

**11110024**

**11250132**

**11163841**

**11250142**

**11167658**

**11497159**

**11454304**

Accessories/spare parts:

- Refill cartridge 250 ml

**10867102**



## BULLWHEEL LINER MOUNTING DEVICE

[Hire tool](#)

This device is used to press the bullwheel liner into the bullwheel.

Type:

- ↗ Universal tool with adapter
- ↗ Adapter for surface lift bullwheels incl. fasteners

ID number

**10436397**

**10436961**

Accessories:

- ↗ Tire mounting paste, 10 kg
- ↗ Mechanical tool for knocking in the liner

**10524235**

**11183398**



## CLEANING AND MAINTENANCE PLATFORM

Platform for cleaning and maintenance work on UNIG stations – can be retrofitted on older installations in consultation with our spare parts sales specialists.

Type:

- ↗ Cleaning and maintenance platform
- ↗ Guide plate for running rail on roof, 3,190 mm
- ↗ Guide plate for running rail on roof, 1,595 mm

ID number

**10948119**

**10988572**

**10988801**

Accessories:

- ↗ Snow beater for glazing with telescopic rod 102–185 cm

**11101822**

## MAINTENANCE TOOL FOR BRAKE COUPLING

This tool is required for removing and overhauling the brake coupling.

Type:

- ↗ Maintenance tool for brake coupling consisting of: special ring wrench for coupling, feeler gauge, removal tool with screw connector

ID number

**10753195**

## PLASTIC CLIP



Plastic clip for checking rope gauges

Type:

- ✖ For rope diameter 38–45 mm
- ✖ For rope diameter 45–56 mm
- ✖ For rope diameter 56–64 mm

ID number  
**10407674**  
**10407673**  
**11403218**

## IMPACT SOCKET FOR HALFEN BOLT



Deep impact socket for tightening Halfen bolts  
for tire conveyor with  $\frac{3}{4}$ " drive

Type:

- ✖ Impact socket for tightening Halfen bolts

ID number  
**10012714**

## WORKING PLATFORM



Working platform for station maintenance work.  
The working platform is attached to the guide rail  
and outer guide rail and makes it easier to perform  
maintenance.

Type:

- ✖ Working platform for station maintenance

ID number  
**11532988**

## UNLOCKING ROD



The aluminum unlocking rod is used for manually  
unlocking and locking the carrier at the remote  
actuator.

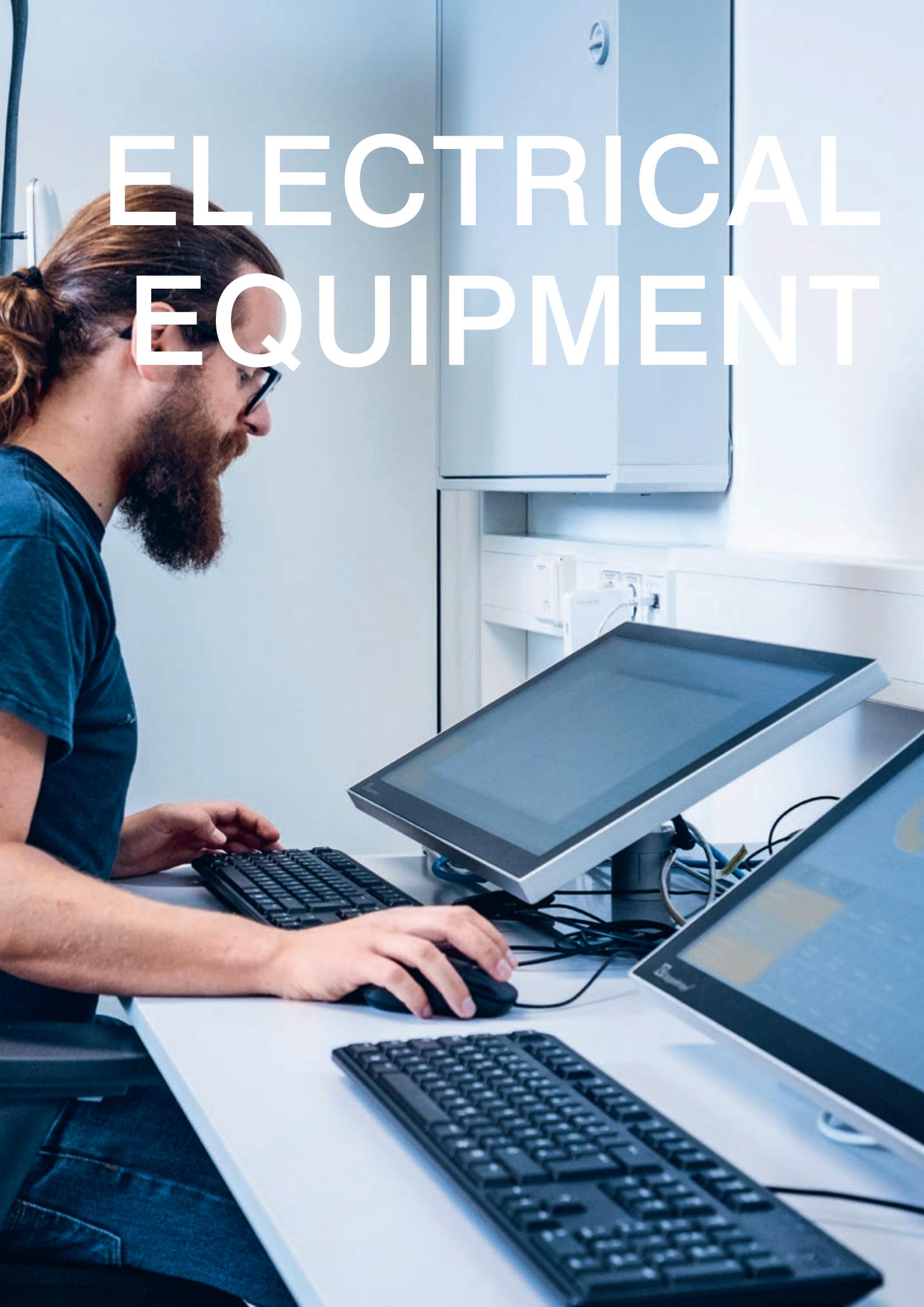
Type:

- ✖ Length = 5.6 m
- ✖ Length = 4.3 m
- ✖ Length = 3.0 m
- ✖ Length = 2.8 m

ID number  
**11630957**  
**11689135**  
**11453607**  
**11453606**



# ELECTRICAL EQUIPMENT





## POWER UNIT FOR CHARGING FREQUENCY CONVERTER LINK CAPACITORS

For all frequency converters. Used to charge / format the link capacitors. This is done once a year to energize the frequency converters in stock.



Type:  
↗ Power unit

ID number  
**11130099**

Accessories:  
↗ Set of cables

**11411317**

## ALIGNMENT AID ARH 96



This tool is used for the alignment of light barriers, for the override gate and passenger recognition on the opening/closing rail.

Type:  
↗ Alignment aid

ID number  
**11161498**



## MULTIMETER

Standard tool for electrical equipment

Type:  
↗ Digital multimeter

ID number  
**10868785**



## REVOLUTION COUNTER

For checking rpm values

Type:  
↗ Revolution counter

ID number  
**11310129**

## CLAMP METER



The ideal tool for indicating the measured current on the oscilloscope.

Type:

- ✖ Clamp meter

ID number

**11419548**



## TOOL CASE

Universal case suitable for air travel

Type:

- ✖ Tool case for hand tools

ID number

**10551570**



## OSCILLOSCOPE

For service diagnostics, also suitable for troubleshooting on the RPD system.

Type:

- ✖ Oscilloscope

ID number

**11235022**



## MULTIFUNCTIONAL TESTING DEVICE

Precision measuring instrument for the measurements stipulated in the Installation Records (installation safety check). Functions include insulation test, line and loop impedance, grounding resistance, RCD test, etc.

Type:

- ✖ Multifunctional testing device

ID number

**11417356**

## REMOTE MAINTENANCE ETH MODEM CASE



Kit for CPU programming, F-Stack analysis, online connection to the control system; for reading out frequency converter errors and parameters via the internet. Compatible with all installation types with serial or Ethernet communication.

Type:

- ↗ Remote maintenance ETH modem case

ID number

**11644723**



## RPD SIGNAL TESTER (TEST BOX)

Type:

- ↗ RPD signal tester (test box)

ID number

**10793468**



## INFRARED THERMOMETER

Type:

- ↗ Infrared thermometer

ID number

**11417632**



## NETWORK CABLE TESTER

Type:

- ↗ Network cable tester

ID number

**11540375**





# LIFTING GEAR





## TIRFOR MANUAL HOIST

For lifting and pulling loads

Type:

- Hit 32 Champion, 20 m, pull force up to 3,200 kg
- Hit 16 Champion, 20 m, pull force up to 1,600 kg

ID number

**10007349**

**10019763**



## HIT TRAC ROPE-PULLING MACHINE

**IMPORTANT:** Lifting gear must be inspected annually. A team from Doppelmayr Seilbahnen GmbH can be tasked with this work. The respective HIT TRAC ropes are available on request.

Type:

- Rope-pulling machine HIT TRAC 8, electric
- Rope-pulling machine HIT TRAC 16, petrol
- Rope-pulling machine HIT TRAC 16, electric
- Rope-pulling machine HIT TRAC 32, electric

ID number

**11129300**

**11115146**

**11115064**

**11236187**



## DEFLECTION PULLEYS

Universal pulley for all deflection angles

Type:

- Deflection pulley for pulley block, pulley 32 kN
- Deflection pulley for pulley block, pulley 64 kN

ID number

**11430905**

**11430906**

## HOIST TROLLEY

Sturdy trolley for attachment of hoist



Type:

- Hoist trolley 3.0 t, for flange width 100–203 mm
- Hoist trolley 5.0 t, for flange width 114–203 mm
- Hoist trolley 10 t, for flange width 124–203 mm
- Hoist trolley 16 t, for flange width 136–305 mm

ID number

**10461597**

**11651257**

**11648636**

**11403619**

## LEVER CHAIN HOIST

Rugged steel construction in lightweight design.  
Stainless steel chain. Low headroom; minimal  
lever pull effort; forged hooks. For simple  
rotation of load. Optimal chain guidance.

Type:

	ID number
➤ Load capacity 0.75 t, lifting height 3.0 m	11790976
➤ Load capacity 0.75 t, lifting height 5.0 m	11445098
➤ Load capacity 1.5 t, lifting height 5.0 m	11441443
➤ Load capacity 3.0 t, lifting height 3.0 m	11510747
➤ Load capacity 3.0 t, lifting height 8.0 m	11445224
➤ Load capacity 6.0 t, lifting height 3.0 m	11441448
➤ Load capacity 6.0 t, lifting height 6.0 m	11445093
➤ Load capacity 9.0 t, lifting height 1.5 m	10258849
➤ Load capacity 9.0 t, lifting height 3.5 m	10155152

Other chain hoists available on request

## SHACKLE



Type:

	ID number
➤ Shackle 0.5 t 1/4"	11434955
➤ Shackle 0.75 t 5/16"	11434956
➤ Shackle 1.0 t 3/8"	11434957
➤ Shackle 1.5 t 7/16"	11434958
➤ Shackle 2.0 t 1/2"	11434959
➤ Shackle 3.25 t 5/8"	11434960
➤ Shackle 4.75 t 3/4"	11434961
➤ Shackle 6.5 t 7/8"	11434962
➤ Shackle 9.5 t 1 1/8"	11434964
➤ Shackle 12.0 t 1 1/4"	11434965
➤ Shackle 13.5 t 1 3/8"	11434966
➤ Shackle 17.0 t 1 1/2"	11434967
➤ Shackle 25.0 t 1 3/4"	11131543
➤ Shackle 35.0 t 2"	11434969
➤ Shackle 55.0 t 2 1/2"	11434970

## RATCHET PULLER HOISTS



For pulling and lifting, puller hoist with wire rope and  
ratchet, hand power puller, for versatile use.

Type:

	ID number
➤ Ratchet puller hoist, 1.4 t	10553830
➤ Ratchet puller hoist, 1.8 t	10689673

## WIRE ROPE GRIP



For rapid and straightforward joining or securing of ropes.

### Type:

	ID number
✖ Wire rope grip DIN 1142, nominal size 5.0 (3/16")	10621114
✖ Wire rope grip DIN 1142, nominal size 6.5 (1/4")	10621115
✖ Wire rope grip DIN 1142, nominal size 8.0 (5/16")	10048945
✖ Wire rope grip DIN 1142, nominal size 10.0 (3/ 8")	10117263
✖ Wire rope grip DIN 1142, nominal size 13.0 (1/2")	10386181
✖ Wire rope grip DIN 1142, nominal size 16.0 (5/8")	10621118
✖ Wire rope grip DIN 1142, nominal size 19.0 (3/4")	10621119
✖ Wire rope grip DIN 1142, nominal size 22.0 (7/ 8")	10017603
✖ Wire rope grip DIN 1142, nominal size 26.0 (1 1/32")	10126870
✖ Wire rope grip DIN 1142, nominal size 30.0 (1 1/8")	10621120
✖ Wire rope grip DIN 1142, nominal size 34.0 (1 1/4")	10621121
✖ Wire rope grip DIN 1142, nominal size 40.0 (1 1/2")	10621122

## GAUGE ROD



For maintaining the original gauge when carrying out rope work (rigging).

### Type:

	ID number
✖ Gauge rod for gauge = 4.0 m (for rope Ø: 33 to 55 mm)	11032263
✖ Gauge rod for gauge = 4.4 m (for rope Ø: 33 to 55 mm)	11032262
✖ Gauge rod for gauge = 4.8 m (for rope Ø: 33 to 55 mm)	11032261
✖ Gauge rod for gauge = 5.2 m (for rope Ø: 43 to 60 mm)	11031585
✖ Gauge rod for gauge = 5.5 m (for rope Ø: 43 to 60 mm)	11031584
✖ Gauge rod for gauge = 6.1 m (for rope Ø: 43 to 60 mm)	11031581
✖ Gauge rod for gauge = 6.4 m (for rope Ø: 43 to 60 mm)	11031580
✖ Gauge rod for gauge = 6.4 m (for rope Ø: 60 to 70 mm)	11403273
✖ Gauge rod for gauge = 6.9 m (for rope Ø: 43 to 60 mm)	11798998
✖ Gauge rod for gauge = 6.9 m (for rope Ø: 60 to 70 mm)	11709794
✖ Gauge rod for gauge = 7.0 m (for rope Ø: 43 to 60 mm)	11031579
✖ Gauge rod for gauge = 7.3 m (for rope Ø: 43 to 60 mm)	11031578
✖ Gauge rod for gauge = 7.7 m (for rope Ø: 43 to 60 mm)	11681454

## DEFLECTION AND ASSEMBLY PULLEY

Sturdy pulleys for straightforward rigging

### Type:

	ID number
✖ 2S=500 kN	10231353
✖ 2S=350 kN	10231411

## CLAMP PLATES



Tool for rigging the rope

Type:

	ID number
» Clamp plates for rope Ø 8–10 mm	11375325
» Clamp plates for rope Ø 12–15 mm	11375326
» Clamp plates for rope Ø 16–19 mm	11375327
» Clamp plates for rope Ø 20–24 mm	11375328
» Clamp plates for rope Ø 25–29 mm	11375329
» Clamp plates for rope Ø 30–34 mm	10354982
» Clamp plates for rope Ø 30–34 mm	11375330
» Clamp plates for rope Ø 35–39 mm	11375331
» Clamp plates for rope Ø 40–44 mm	11375332
» Clamp plates for rope Ø 45–49 mm	11375333
» Clamp plates for rope Ø 50–54 mm	11375334
» Clamp plates for rope Ø 55–58 mm	11375335
» Clamp plates for rope Ø 8–10 mm with T-handle	11386493
» Clamp plates for rope Ø 12–15 mm with T-handle	11386494
» Clamp plates for rope Ø 16–19 mm with T-handle	11386495
» Clamp plates for rope Ø 20–24 mm with T-handle	11386496
» Clamp plates for rope Ø 25–29 mm with T-handle	11386497
» Clamp plates for rope Ø 30–34 mm with T-handle	11386498
» Clamp plates for rope Ø 35–39 mm with T-handle	11386499
» Clamp plates for rope Ø 40–44 mm with T-handle	11386500
» Clamp plates for rope Ø 45–49 mm with T-handle	11386501
» Clamp plates for rope Ø 50–54 mm with T-handle	11386502
» Clamp plates for rope Ø 55–58 mm with T-handle	11386503

## PULLEY BLOCK



The pulley blocks are supplied without ropes.  
The rope must be ordered separately. Please state  
diameter and length.

Type:

	ID number
» Pulley block 12 t, 4-sheave	10038313
» Pulley block 20 t, 6-sheave	10642509
» Pulley block 25 t, 8-sheave	10642510
» Pulley block 40 t, 8-sheave	10643021
» Pulley block 50 t, 10-sheave	10312252
» Pulley block 60 t, 12-sheave	11582927
» Pulley block 70 t, 14-sheave	11344972

## AUXILIARY PULLING CABLES

On request

## ROUND SLING

Other lengths on request



Type:

**Effective working length = 0.50 m**

	ID-Number
» 1,000 kg	11517311
» 2,000 kg	11517333
» 3,000 kg	11517336
» 6,000 kg	11517339

**Effective working length = 1.00 m**

» 1,000 kg	11517323
» 2,000 kg	11517302
» 3,000 kg	11517317
» 4,000 kg	11517319
» 6,000 kg	11517328

**Effective working length = 2.00 m**

» 1,000 kg	11517329
» 2,000 kg	11517308
» 3,000 kg	11517315
» 4,000 kg	11517303
» 6,000 kg	11517309
» 10,000 kg	11517341

**Effective working length = 4.00 m**

» 3,000 kg	11517304
» 4,000 kg	11517316
» 6,000 kg	11517307
» 8,000 kg	11517314
» 10,000 kg	11517342

**Effective working length = 6.00 m**

» 3,000 kg	11517327
» 4,000 kg	11517313
» 6,000 kg	11517332
» 8,000 kg	11517306

## LIFTING RING M20



For general-purpose lifting

Type:

	ID-Number
» Lifting ring M12	11311217
» Lifting ring M16	10377806
» Lifting ring M20	10377807
» Lifting ring M24	10384944
» Lifting ring M30	10638545
» Lifting ring M36	11141693







GENERAL

## TAPE MEASURE



Type:  
➔ Tape measure

ID number  
**10962859**

## TOOL CASE COMPLETE WITH HAND TOOLS



Tool case with general hand tools in shaped foam rubber inserts.

Type:  
➔ Tool case

ID number  
**10859679**

including:

9-piece set of S-type Allen wrenches 1.5–10 mm  
S-type Allen wrench 14 mm  
Double open-end wrench DIN3110 (wrench size 8 to 24)  
Slotted screwdriver (VDE)  
Phillips screw driver (VDE)  
Combination pliers  
Adjustable wrench 10" x 250mm  
Soft-face hammer with nylon/steel face DM30  
Feeler gauge 13-piece 0.05–1.00 mm



Accessories:

➔ Toolbox

**10824789**

The practical, suitably dimensioned and tidy storage box for the tool case. Lockable and can be fitted e.g. to a handrail.

## PAINT SPRAY

Paint spray, 400 ml, for touch-up work on the roof and undercover. Over 40 colors are available. Please send an inquiry regarding your specific color.



Type:  
➔ Azure blue 5009 RAL  
➔ Gentian blue 5010 RAL  
➔ Sky blue 5015 RAL  
➔ Reseda green 6011 RAL  
➔ Anthracite gray 7016 RAL

ID number  
**10467653**  
**10160021**  
**10154321**  
**10154322**  
**10750491**

## ZINC PAINT



Zinc paint for touching up galvanized surfaces

Type:

- Zinc paint, approx. 0.1 kg, set consisting of:
  - 1 sanding block
  - 3 touch-up brushes
  - 1 cleaning cloth
  - 1 wooden stirring stick

ID number

11310940

- Zinc paint 5 kg

10989921



## LEVER-TYPE GREASE GUN



Lever-type grease gun for grease injection

Type:

- Moto 4500 with reinforced hose, 300 mm
- Lever type grease gun with elbow for sheave assembly maintenance, filled with Energrease
- Hand push pump

ID number

10016858

11313174

10194016



## GREASE GUN WITH GREASE METER

Type:

- Electric grease gun with grease meter

ID number

11786445



## TORQUE WRENCH

For professional tightening with the correct torque

Type:

- Torque wrench 10–100 Nm, 1/2" drive
- Torque wrench 20–200 Nm, 1/2" drive
- Torque wrench with ratchet, ring and open-end inserts, 80–400 Nm, 1/2" drive
- Torque wrench 140–760 Nm, 3/4" drive

ID number

10386381

10377509

11233378

10368062



## SILICONE SEALANT SKELETON GUN

Type:

- With hexagonal drive, for sealing with silicone

ID number  
**10013177**



## ADHESIVE TAPE WITH DOPPELMAYR LOGO

Type:

- 100 running meters

ID number  
**10655588**



## EDGE PROTECTOR

Type:

- Edge protector – to protect against sharp edges

ID number  
**10315016**



## HYDRAULIC UNIT

Hydraulic unit for hydraulic mounting device

Type:

- Types 401, 403, 500LW75, 501

ID number  
**10275298**



## ELECTRIC PUMP WITH REMOTE CONTROL

230 V incl. pressure gauge,  
pressure gauge adapter and HP hose

Type:

- Electric pump with remote control

ID number  
**10809090**



## HYDRAULIC JACK

Type:

- Hydraulic jack with pump handle

ID number  
**10102490**



## ELECTRONIC DISTANCE METER

For professional measuring of the rope gauge on towers and adjustment of PTO sheaves in stations.

Type:

- Electronic distance meter

ID number  
**11434846**



## ADAPTER

Type:

- Adapter external 3/4"; internal square 1/2"

ID number  
**10012358**



## ALUMINUM ROD

Type:

- Aluminum rod (length: 0.25m | Ø15mm)

ID number  
**10013692**



## TIRE LEVER

Type:

- Tire lever, 400 X 14 mm, with tapered end and angled flat end.

ID number  
**10016595**



## WIRE HAND BRUSH

Type:

- Wire hand brush, 3-row, with wooden handle

ID- number  
**10035723**



## SCREWDRIVER

Type:

- ✖ Phillips screwdriver
- ✖ Screwdriver for slotted screws

ID number

**10101034**

**11105565**



## DRILL BIT SET

Type:

- ✖ Set of twist drill bits, Ø1-13 mm

ID number

**10394359**



## ALLEN WRENCH

Type:

- ✖ Allen wrench WS12, L-shaped
- ✖ Allen wrench WS19, L-shaped

ID number

**10016277**

**10396975**



## CALIPER GAUGE

Type:

- ✖ Caliper gauge, length 150 mm
- ✖ Caliper gauge, length 300 mm

ID number

**10861601**

**11318833**



## IMPACT SOCKET, LONG

Type:

- ✖ Impact socket, wrench size 18 with 1/2" socket
- ✖ Impact socket, wrench size 16 with 1/2" socket
- ✖ Impact socket, long, wrench size 16 with 1/2" socket

ID number

**11151679**

**11508441**

**11508442**



## COUNTERSINK DRILL BITS, 90°

Type:

- Diameter 8 mm, 3-flute, irregular pitch
- Diameter 10 mm, 3-flute, irregular pitch
- Diameter 15 mm, 3-flute, irregular pitch
- Diameter 19 mm, 3-flute, irregular pitch
- Diameter 23 mm, 3-flute, irregular pitch

ID number

**11780464**

**11780466**

**11780470**

**11780472**

**11780474**



## MACHINE TAP

Type:

- Machine tap M30, length 160 mm

ID number

**11790415**



## SCREW EXTRACTOR SET

Type:

- Set of screw extractors, sizes 1-5, M5-M20, right-handed thread

ID number

**10755464**



## WRENCH

Type:

- Wrench size 10 combination wrench
- Wrench size 16 combination wrench, extra long
- Wrench size 18 combination wrench, extra long

ID number

**10375964**

**10543204**

**10543205**

## OILS AND GREASES

The most important oils, greases and lubricants.  
Please adhere to the operation and service manual  
and, if in any doubt, contact Doppelmayr  
customer support.



Type:

ID number

### Station and hydraulic system

- Silamin 510, 1.0-liter bottle 11183595
- Anticorit anticorrosive, 1.0-liter bottle 11527131
- Hydraulic oil Dopp-Synth 70+, 210-liter barrel 11424859
- Hydraulic oil Dopp-Synth 70+, 60-liter barrel 11424860
- Hydraulic oil Dopp-Synth 70+, 20-liter can 11424861
- Hydraulic oil HLP 46, 210-liter barrel 11178145
- Hydraulic oil HLP 46, 60-liter barrel 11178144
- Hydraulic oil HLP 46, 20-liter can 11178154

### Sheave assemblies

- Lubricating grease Spheerol LZ, 0.4 kg cartridge 11786391
- Lubricating grease Spheerol LZ, 50.0 kg barrel 11786392

### Break fork switches

- Vaseline grease, white, 0.4 kg cartridge 11007328

### Gearboxes

- Doppelmayr gearbox oil 80W-90, 210-liter barrel 11178143
- Doppelmayr gearbox oil 80W-90, 60-liter barrel 11178142
- Doppelmayr gearbox oil 80W-90, 20-liter can 11126269

### Grips

- Lubricating grease Gleitmetall AS1000, 1 kg tin (silver) 10098911
- Lubricating grease Interflon FG, 1 kg (white) 10612173
- Lubricating grease Interflon FG LT2, 0.4-liter cartridge (white) for the AGA grip 10821368

### Chairs

- Bubble cleaner 10304075

### Emergency drive gear rim

- Lubricant 10550848

### Bullwheel bearings

- Lubricating grease Mobilith SHC 460, 0.4 kg cartridge 10484451
- Lubricating grease Mobilith SHC 460, 16 kg bucket 10948053
- Lubricating grease Mobilith SHC 460, 50 kg barrel 11180980



## LOCAL EXPERTISE

## Your contacts in our customer support team

For further information on the products and services available from our customer support department along with an overview of our team members and their areas of expertise, please visit our website at [service.doppelmayr.com](http://service.doppelmayr.com).

If you have any queries, please contact our local office direct.

In particularly urgent cases, our team in Austria can be reached 24/7/365 through our hotline.

**Your hotline to Doppelmayr customer support**

+43 5574 604 1000  
[aftersales@doppelmayr.com](mailto:aftersales@doppelmayr.com)  
[service.doppelmayr.com](http://service.doppelmayr.com)

**Algeria**  
 Garaventa Algérie Sarl  
 Bouchaoui 3 (Ex Ferme HAMZA)  
 Lot 299-Bouchaoui  
 16000 Algier  
 T +213 23 229 139

**Andorra**  
 Doppelmayr Andorra SA  
 Av. De Joan Martí nº 114  
 Edifici Prat del Rector  
 Despatx 2, Planta Baixa  
 200 Encamp  
 T +376 7 327 32

**Argentina**  
 Pilet Intersistemas S.R.L  
 Av. de los Constituyentes 4621  
 1431 Buenos Aires  
 T +54 11 4523 1010

**Australia**  
 Doppelmayr Australia Pty. Ltd.  
 57 Lee Avenue  
 Leesville Estate  
 P.O. Box 515  
 Jindabyne N.S.W. 2627  
 T +61 2 6456 2385

**Bolivia**  
 Teleféricos Doppelmayr Bolivia S.A.  
 Calle 10 No. 7812, entre Avdas.  
 Ballivián e Inofuentes  
 Edif. Emporium, piso 5, Calacoto  
 T +591 2 2655 100

**Bosnia and Herzegovina**  
 Doppelmayr Seilbahnen GmbH  
 3. Oktobar 294/10  
 19210 Bor/Serbia  
 T +381 30 456 410

**Brazil**  
 Doppelmayr do Brasil Sistemas de Transporte Ltda.  
 Praia de Botafogo, 501 - Bloco 1 - Sala 101  
 Torre Pão de Açúcar  
 Rio de Janeiro RJ 22250-040  
 T +55 21 2586 6338

**Bulgaria**  
 ALEX - Mechkov OOD  
 ul. Yuri Venelin 36  
 1142 Sofia  
 T +359 2 9873 955

**Chile**  
 Asesorías e Inversiones  
 Luzern Capital SpA  
 San Sebastián 2807, ofi. 714  
 Las Condes  
 Santiago 8320000  
 T +56 9 9319 6582

**China**  
 Sanhe Doppelmayr Transport Systems Co., Ltd.  
 Yanchang Road No. 235  
 Yanjiao Economic and Technological Development Zone  
 065201 Sanhe City, Hebei Province  
 T +86 316 339 3030

**Finland**  
 Doppelmayr Finn Oy  
 Mekaanikonkatu 21 A  
 00880 Helsinki  
 T +358 9 684 4300

**France**  
 Doppelmayr France SAS  
 837/903, rue de l'Isle - BP 50080  
 Pôle industriel de Fréjus  
 73500 Modane  
 T +33 4 7905 0371

**Georgia**  
 Doppelmayr South Caucasus  
 Green Building  
 Marjanishvili Str. 6  
 0102 Tbilisi  
 T +995 32 2252 505

**India**  
 Doppelmayr India Private Limited  
 524, 5th Floor, MGF Metropolis,  
 MG Road  
 Gurgaon 122022  
 T +91 124 4216 313

**Indonesia**  
 Hans R. Jost  
 Jl. H. Marzuki 9, RT 12, RW 02  
 Menteng Dalam Pancoran-Tebet  
 Jakarta Selatan 12870  
 T +62 21 8352 400

**Iceland**  
 Doppelmayr Skidalýftur ehf.  
 Klettautn 17  
 600 Akureyri  
 T +354 4 621 720

**Italy**  
 Doppelmayr Italia Srl  
 Zona Industriale, 14  
 39011 Lana  
 T +39 0473 262 100

**Canada**  
 Doppelmayr Canada Ltd. Head Office  
 Canada  
 800 St. Nicolas Street  
 St. Jérôme, QC J7Y 4C8  
 T +1 450 4321 128

**Colombia**

Doppelmayr Colombia SAS  
Carrera 11A # 97A-19  
Oficina 206  
110221 Bogotá D.C.  
T +57 1 7389 922

**Malaysia**

Special Methods & Engineering Techniques SDN BHD  
Level 19, Penas Tower  
Midlands Park 488A  
Jalan Burma  
10350 Penang  
T +60 4 2287 118

**Macedonia**

Doppelmayr Seilbahnen GmbH  
Branch office Skopje  
Ul. Nevena Georgieva Dunja 13-10  
1000 Skopje  
T +381 30 456 410

**Mexico**

Doppelmayr México S.A. de C.V.  
Av. De Las Palmas 731  
Piso 12, Despacho 1204  
Col. Lomas de Chapultepec  
11000 México  
T +52 55 6274 1092

**Montenegro**

Doppelmayr Seilbahnen GmbH  
3. Oktobar 294/10  
19210 Bor  
T +381 30 456 410

**New Zealand**

Doppelmayr Lifts NZ Ltd.  
Unit 12  
2 William Lewis Drive  
Sockburn  
Christchurch 8042  
T +64 3 3182 725

**Norway**

Doppelmayr Scandinavia AB  
Svetsarevägen 1  
68633 Sunne/Sweden  
T +46 565 688 570

**Poland**

Doppelmayr Polska Sp z o.o.  
Al. Armii Krajowej 220  
43-316 Bielsko-Biala  
T +48 33 8138 328

**Portugal**

Doppelmayr Portugal, Lda.  
Passeio das Tágides. Estação Norte.  
1990-280 Lisboa  
T +35 196 788 6520

**Romania**

TOC Jit International Serv S.R.L.  
Aleea Otelarilor, Nr. 5/6  
331008 Hunedoara  
T +40 254 742 288

**Russia**

Doppelmayr Russia LLC  
Customer Support  
Gastello St. 23A  
354340 Sochi  
T +7 499 322 05 02 Ext. 2

**Sweden**

Doppelmayr Scandinavia AB  
Svetsarevägen 1  
68633 Sunne  
T +46 565 688 570

**Switzerland**

Garaventa AG  
Zweigniederlassung Goldau  
Tennmattstr. 15  
6410 Goldau  
T +41 41 859 11 11

**Serbia**

Doppelmayr Seilbahnen GmbH  
Branch Office Beograd  
Knez Mihailova 1-3  
11000 Beograd – Stari Grad  
T +381 30 456 410

**Slovakia**

Transport Systems Slovakia s.r.o.  
Pribinova 3026/38  
010 01 Žilina  
T +421 905 653 141

**Slovenia**

Tehnouinion 1 d.o.o.  
Ljubljanska cesta 43  
1230 Domžale  
T +386 1 5135 102

**Spain**

Transportes por Cable S.A.  
C/ Monte Perdido, Parcela 8D  
Polígono Industrial Valdeconsejo  
50410 Cuarte de Huerva (Zaragoza)  
T +34 976 274 382

**South Korea**

Shin Chang International Inc.  
5th Floor, Shin Heung Bldg.  
69, Nonhyeon-ro 149-gil,  
Gangnam-Gu  
Seoul 06039  
T +82 2 5115 522

**Czech Republic**

Doppelmayr lanové dráhy, spol. s r.o.  
Drážní 253/7  
627 00 Brno - Slatina  
T +420 531 022 266

**Turkey**

Doppelmayr Turkey  
Asansör Teleferik ve Kablolu Taşıyıcı Sistemler  
İnş. Taah. Ltd. Şti.  
Ahmet Mithat Efendi sk. 52/4  
06550 Çankaya - Ankara  
T +90 312 4390 290

**USA**

Doppelmayr USA, Inc.  
Head Office USA  
3160 West 500 South  
Salt Lake City, UT 84104  
T +1 801 973 7977

**Venezuela**

Inversiones Doppelmayr  
de Venezuela C.A.  
Av. Francisco de Miranda, CC Centro  
Lido Nivel Piso 5, OFC 54-E, El Rosal  
Caracas 1060  
T +58 212 9536 444

**United Arab Emirates**

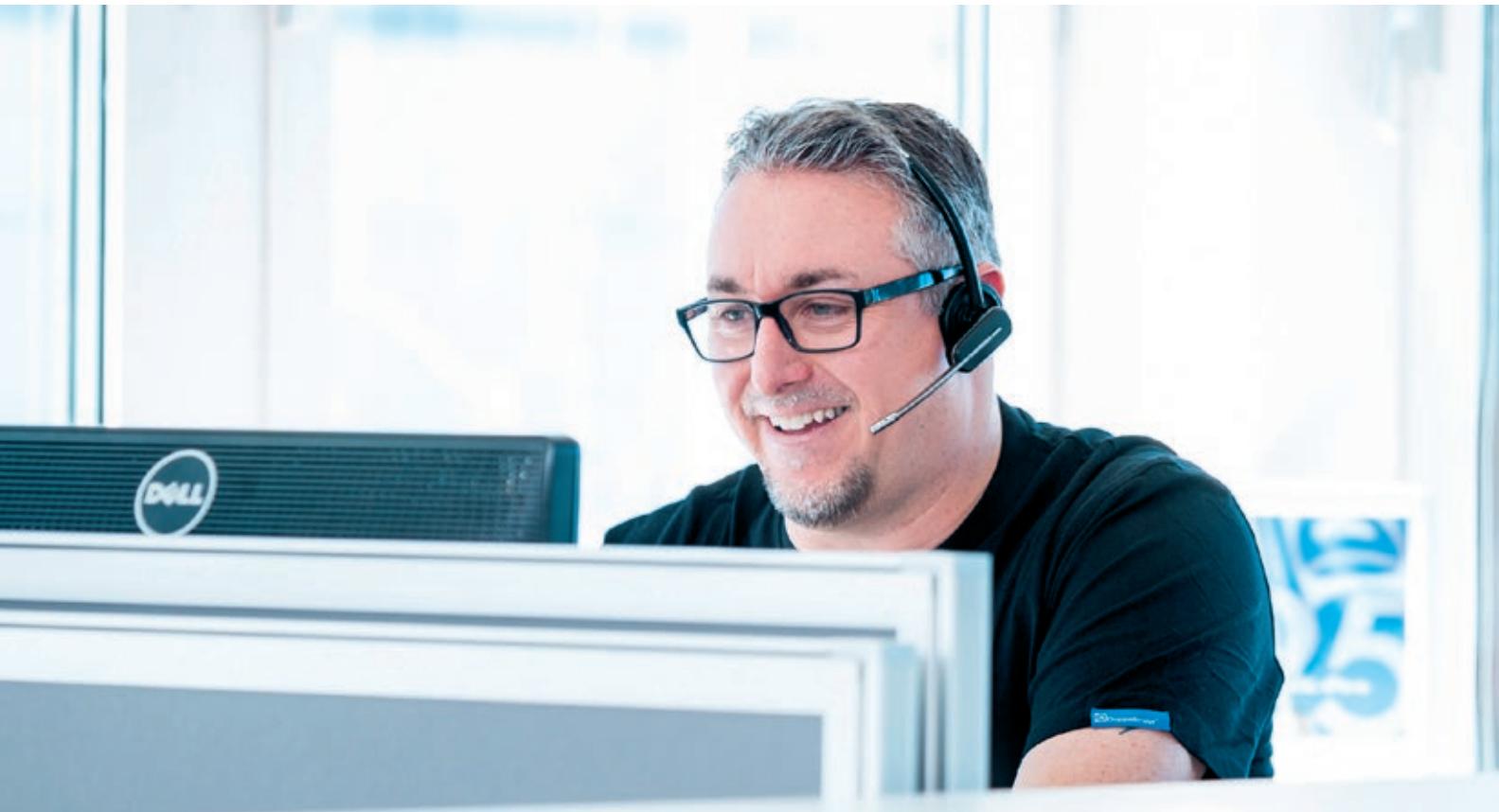
Doppelmayr Seilbahnen Ltd.  
Al Manara Building  
Office no. 109 – First Floor  
Al Quoz 1, Post Box: 38488  
Dubai  
T +971 56 6789 144

**Vietnam**

Doan Viet Co. Ltd  
No. 45 Alley 97 Van Cao Str.  
Ba Dinh District  
Hanoi  
T +84 4 3846 4610

## Easy ordering – online, by email or phone

---



Orders for spare parts can be sent to us using the Ropeway Assistant on our website or by email to **ersatzteilverkauf@doppelmayr.com**

Please note that a user account is required for the Ropeway Assistant. Your login data will be sent to you once you have registered.

Our customer support page gives details of our team members and their respective areas of expertise along with all the email addresses and phone numbers you will need to order your spare parts.

**service.doppelmayr.com**

We are always pleased to help!

## Doppelmayr customer support – global, professional, reliable

The customer support team is your competent partner.

- First-class support – over the entire lifetime of the product
- A reliable team from the very first hour of operation
- Service provided by experienced Doppelmayr specialists
- Assistance for every installation irrespective of age and location
- Hotline 24/7/365: +43 5574 604 1000

## Well equipped for optimal service – precise, fast, simple

Please have the following information at hand so that we can address your needs as quickly as possible:

- Ropeway installation number
- Name of the installation
- Customer number
- Name of person to contact
- Contact details

## The right tool every time – special-purpose design, top quality, prompt delivery

Want to know more about individual tools and equipment? Looking for a tool that is not in the catalog? We will be pleased to advise. The maximum safety and availability of your ropeway are always our top priority.

- Advice
- Price quotation
- Ordering
- Delivery



