



Product Catalog

MACHINERY & TOOLS



GREY TRACK



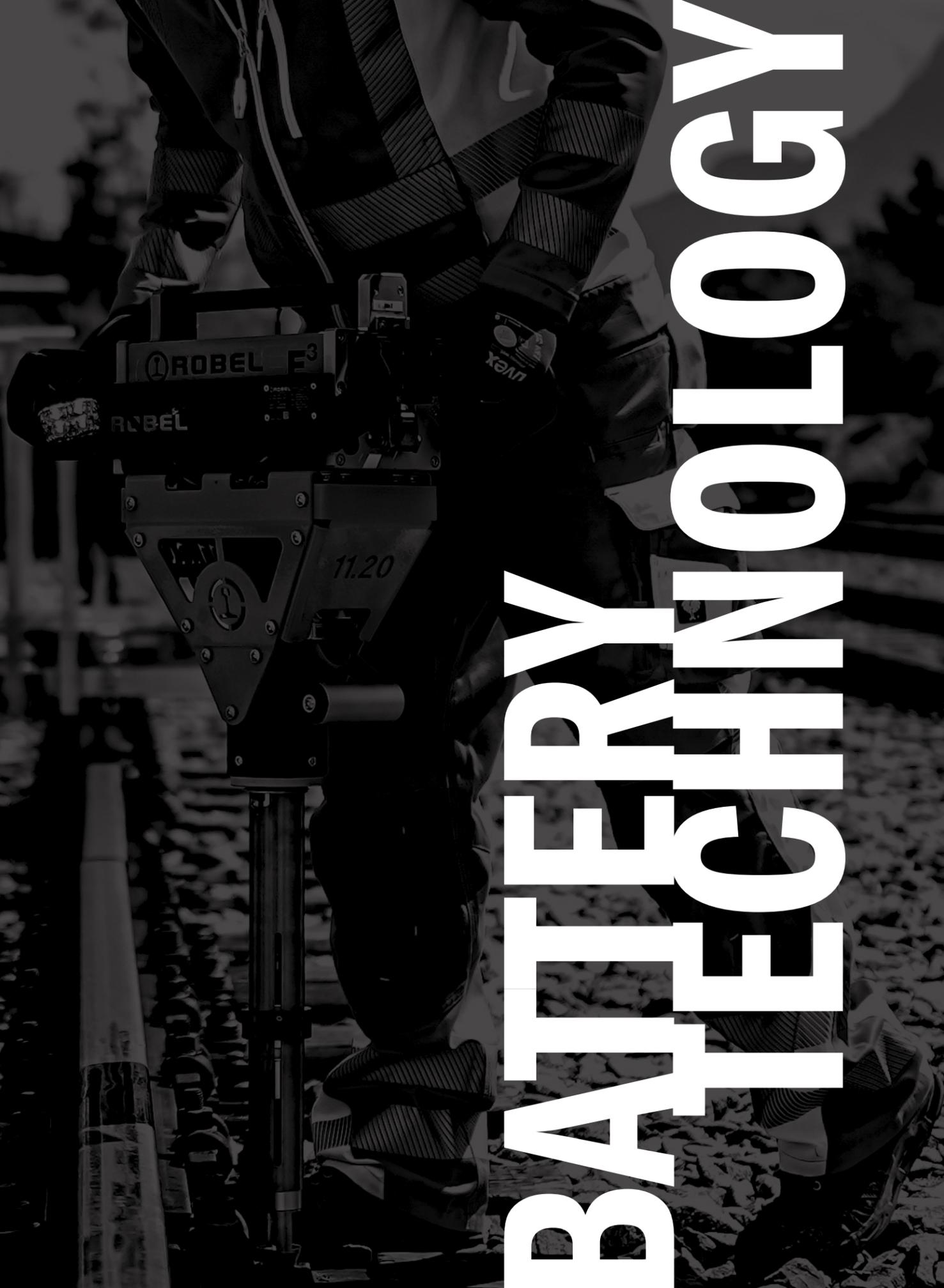
WWW.ROBEL.US

3

**High-performance
battery technology
meets reliable
engineering.**

Clean, quiet, and powerful.

BATTERY TECHNOLOGY



ROBEL E³ BATTERY



HIGH-PERFORMANCE BATTERY TECHNOLOGY MEETS RELIABLE ENGINEERING.

ECONOMIC

- Profitability
- Productivity
- Reliability
- Low Maintenance

ECOLOGIC

- Innovation
- Sustainability
- Energy Efficiency
- Carbon Neutrality

ERGONOMIC

- User-Friendliness
- Safety
- Emission Reduction
- HAV-Reduction

50 V

ROBATTERY 71.02 (2300 Wh)



ROBATTERY 71.01 (400 Wh)



ROBATTERY 71.01 (800 Wh)



43 V

ADAPTER 71.02



ROGRIND 13.45MD E³
Battery Powered Profile Grinder



ROGRIND 13.49 E³
Battery Powered Zero Point Profile Grinder



ROCUT 13.90 E³
Battery Powered 16" Rail Saw



ROGRIND 13.63
Battery Powered Modular Switch Grinder



ROWRENCH 30.76 E³
Battery Powered Precision Power Wrench



ROWRENCH 30.82HKS E³
Battery Powered Power Wrench



Clean,
quiet,
powerful.

RODRILL 10.20 E³
Battery Powered Rail Drill



ROBORE 11.20 E³
Battery Powered Tie Drill



ROSAW 12.20MSB E³
Battery Powered Rail Band Saw



ROCLIP 34.01 E³
Battery Powered Fast-Clip Machine



ROCLIP 34.02
Battery Powered Modular Fast-Clip
and E-Clip Machine



ROCONVERT 72.01 E³
Battery Conversion Kit



ROMPACT 30.20 E³
Battery Powered Impact Wrench



ROSPIKE 33.25 E³
Battery Powered Spike Driver



ROTAMP 62.20L E³
Battery Powered Tie Tamper



ROPOWER 76.20 E³
Battery Powered Hydraulic Pump



Our contribution
to climate
protection
and health
and safety.

HONOR THE PAST. FORGE THE FUTURE.



BATTERIES BUILT BY THE RAILROAD, FOR THE RAILROAD.



ROBEL WILL SAFELY TAKE BACK YOUR USED BATTERIES AND RESPONSIBLY RECYCLE THEM, ENSURING THEY'RE HANDLED WITH CARE EVERY STEP OF THE WAY.



ENVIRONMENTAL CONDITIONS:

- Service Temperature**
-4 to 104 °F
- Storage Temperature**
-4 to 122 °F

ROBEL Batteries will not charge when the charging level is at 75% or higher, to protect the longevity of the battery

| SPECIFICATION | ROBATTERY 71.01 | ROBATTERY 71.01 | ROBATTERY 71.02 |
|----------------|-----------------|-----------------|-----------------|
| Energy Content | 400 Wh | 800 Wh | 2,300 Wh |
| Capacity | 9 Ah | 18 Ah | 46 Ah |
| Rated Voltage | 43 V | 43 V | 50 V |
| Charging Time | 2 – 3 h | 3 – 4 h | 6 – 8 h |
| Dimensions | 13 x 5.5 x 4.5" | 13 x 5.5 x 6" | 18 x 14.5 x 4" |
| Total Weight | 8.5 lbs | 14 lbs | 35.5 lbs |

| SPECIFICATION | ROCHARGER 71.11 | ROCHARGER 71.12 |
|----------------------------|-----------------|-----------------|
| Battery Charger | 400 / 800 Wh | 2,300 Wh |
| Output | 300 W | 360 W |
| Charge Termination Voltage | 50.5 V | 59 V |
| Input Voltage | 100 – 240 V | 100 – 240 V |
| Dimensions | 13.5 x 8 x 5.5" | 8.5 x 3.5 x 2" |
| Weight | 7.5 lbs | 5 lbs |

ROBATTERY 71.01 (400 Wh)



ROBATTERY 71.01 (800 Wh)



ROBATTERY 71.02 (2300 Wh)



ROCHARGER 71.11



ROCHARGER 71.12



ROTAMP 62.20L E³ BATTERY TIE TAMPER

SPECIFICATIONS

- | Output
2 kW
- | Tamping Time Per Battery Charge
min. 60 minutes
- | Weight
63 lbs
- | Dimensions
42.5 x 20 x 16"



ROCLIP 34.01 E³ BATTERY FAST CLIP MACHINE

SPECIFICATIONS

- | Drive
BLDC electric motor
- | Output
4.6 kW
- | Run Time
1.5 hr per battery charge
- | Weight
441 lbs
- | Dimensions
77 x 24.5 x 40"



BENEFITS

- | Offering low hand-arm vibration and ideal operation in tunnels and urban environments
- | Patented world-renowned tool
- | Works through vibration, not compacting
- | Due to vibrating shaft, no damage to ballast or ties

First in its class battery tamper.

BENEFITS

- | Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- | Various versions for Fastclips of types FC, FE, and FCx
- | Includes tie lifting piston
- | Fast changeover without tools between insertion and extraction mode
- | Safety kill-switch

Emission-free inserting and extracting of Fastclips.

For further information on configuration and accessories, see 34.01 Clipping Machine.

RODRILL 10.20 E³ BATTERY RAIL DRILL

SPECIFICATIONS

Run Time

Battery 400Wh
35+ 1-1/8" Complete Holes
Battery 800Wh
80+ 1-1/8" Complete Holes

Weight

36 lbs

Dimensions (L x W x H)

23 x 9 x 15"



Compatible with 800wh
ROBEL Battery Platform

BENEFITS

- Drilling time 10-30 seconds; Drilling range up to 2-1/2 inches
- Quick lock chuck for twister bits
- LED display for optimal drilling performance
- Adjustable operating handle
- Operating button on handle for safe operation
- For drilling of running rail, third rail/conductor rail, crane rail, and grinder rail/groove rail

**Easy,
efficient and
emission-
free drilling.**

RODRILL 10.20 E³ ACCESSORIES

Running Rail Templates | Flip Flop Design*

| | |
|------------|--------------------------------|
| R_ES_00033 | 115lb/119lb RE 132lb/136lb RE |
| R_ES_00034 | 141lb AB 132lb/136lb RE |
| R_ES_00035 | 115lb/119lb RE 100lb ARA-B |
| R_ES_00036 | 140lb RE / 133lb RE |
| R_ES_00037 | 90lb ARA-A / 100lb ARA-A |
| R_ES_00038 | 90lb ASCE / 100lb ASCE |
| R_ES_00039 | 105lb DY / 127lb DYM |
| R_ES_00041 | 100lb DY + 110lb RE / 100lb RE |
| R_ES_00042 | 100lb PS / 130lb PS |
| R_ES_00043 | 130lb RE / 131lb RE |
| R_ES_00046 | 133lb RE / 132/136lb RE |
| R_ES_00063 | S49/S54 / UIC60 |
| R_ES_00064 | 140lb RE / 141lb RE |

Crane Rail Templates*

| | |
|------------|-----------------------|
| R_ES_00040 | 80lb ASCE / 85lb ASCE |
| R_ES_00055 | 30lb ASCE |
| R_ES_00056 | 60lb ASCE |
| R_ES_00057 | 105lb ASCE |
| R_ES_00058 | 135lb ASCE |
| R_ES_00059 | 175lb ASCE |
| R_ES_00061 | CR73 |

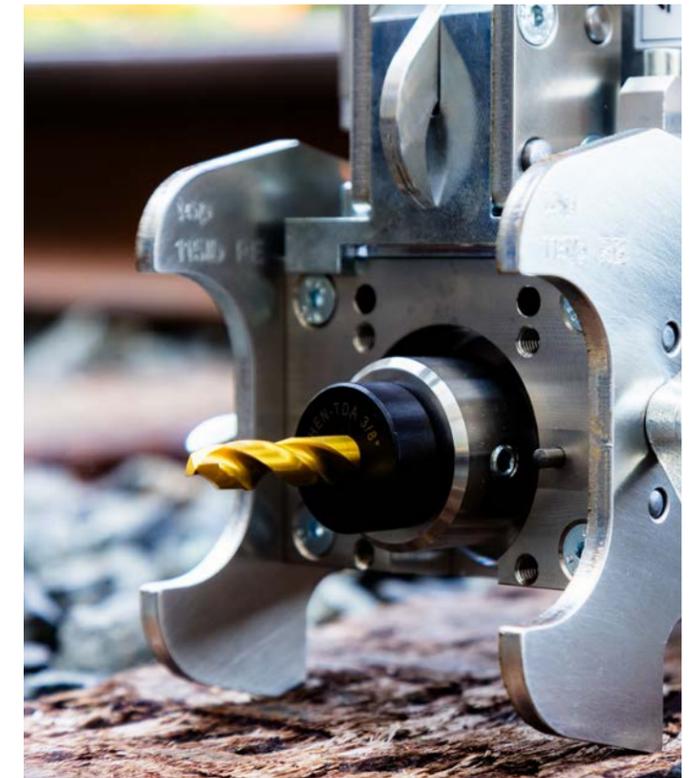
Third Rail Templates*

| | |
|--------------|---|
| R-MPAF 84C-F | Comp Template - 84C-F Contact Rail Shoe - Aluminum Comp. 3rd Rail |
| R-MPAF 85C-P | Comp Template - 85C Contact Rail Shoe - Aluminum Comp. 3rd Rail |
| R-MPAF-150RE | 150lb Contact Rail Shoe - Solid Third Rail |

Grooved Rail Templates*

| | |
|------------|---|
| R_ES_00062 | Rail Drill Shoe 62R1 (NP4aM) - Grooved Rail |
|------------|---|

*Additional sizes and applications are available upon request



RODRILL 10.20 E³ ACCESSORIES

Rail Drill Clamps

| | |
|------------|--|
| 7814104004 | R-DBG-GR Over Rail Clamp (Running Rail + Guard Rail Compatible) - 10.20 + 10.40 |
| 9801040089 | R-DBG-LY Over Rail Long Arm Curved Clamp (Girder Rail Applications) - 10.20 + 10.40 |
| 7814104005 | R-DBG-AY Over Rail Long Arm Clamp (3rd Rail + Crane Rail Applications) - 10.20 + 10.40 |
| R-DBG-GR-W | Guard Rail Wheels - R-DBG-GR - 10.20 + 10.40 |

3rd Rail + Strap Guard Drilling

Two-Stage Drilling Device

| | |
|------------|--|
| 7818930003 | RTST50 3rd Rail + Strap Guard Two-Stage Drilling Accessory |
|------------|--|

Signaling and Wheel Sensor Drilling

Gold Spiral Bits

| | |
|------------|---|
| N-PRE1-2 | 1/2" Gold Spiral Drill Bit (13mm) (Required Adapter R-AD1-2) |
| N-RPE-1-2L | 1/2" Long Gold Spiral Drill Bit (13mm) (Required Adapter R-AD1-2) |
| N-RPE95C | 3/8" Gold Spiral Drill Bit (Required Adapter R-AD3-8) |

Gold Spiral Bit Adapters

| | |
|---------|--|
| R-AD1-2 | Twist Drill Adapter - N-RPE1-2 & N-RPE1-2L |
| R-AD3-8 | Twist Drill Adapter - N-RPE95C |

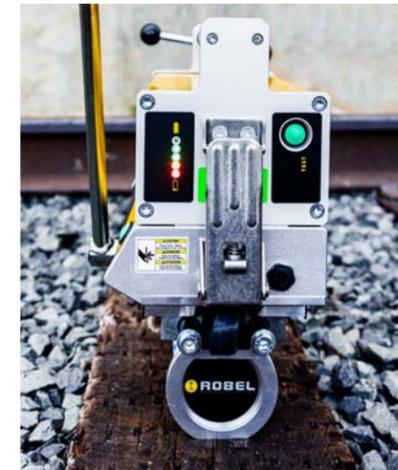
Aluminum Composite Drilling

Composite Spiral Bit

| | |
|--------------|--|
| R-PE11L1-AR | 1" Aluminum Composite 3rd Rail Drill Bit - Including Fluid Holes and Fluid Pin (DPE) |
| R-PE7/8L1-AR | 7/8" Aluminum Composite 3rd Rail Drill Bit - Including Fluid Holes and Fluid Pin (DPE) |

Composite Spiral Bit Accessories

| | |
|-------|---------------------------|
| R-DPE | Fluid Spacer - R-PE11L1-A |
|-------|---------------------------|



Carbide Cutters - 7/8" Depth Cut - Twister*

| | |
|-----------------|-------------------------------------|
| R-CCQ3/4-7/8 | ROBEL Carbide Cutter 3/4" x 7/8" |
| R-CCQ7/8-7/8 | ROBEL Carbide Cutter 7/8" x 7/8" |
| R-CCQ1-7/8 | ROBEL Carbide Cutter 1" x 7/8" |
| R-CCQ1-1/16-7/8 | ROBEL Carbide Cutter 1-1/16" x 7/8" |
| R-CCQ1-1/8-7/8 | ROBEL Carbide Cutter 1-1/8" x 7/8" |
| R-CCQ1-3/16-7/8 | ROBEL Carbide Cutter 1-3/16" x 7/8" |
| R-CCQ1-1/4-7/8 | ROBEL Carbide Cutter 1-1/4" x 7/8" |
| R-CCQ1-3/8-7/8 | ROBEL Carbide Cutter 1-3/8" x 7/8" |
| R-CCQ1-5/16-7/8 | ROBEL Carbide Cutter 1-5/16" x 7/8" |
| R-CCQ1-7/16-7/8 | ROBEL Carbide Cutter 1-7/16" x 7/8" |
| R-CCQ1-1/2-7/8 | ROBEL Carbide Cutter 1-1/2" x 7/8" |
| R-CCQ2-7/8 | ROBEL Carbide Cutter 2" x 7/8" |
| RPP7-8 | Pilot Pin - 7/8" Depth CCQ |

Carbide Cutters - 2" Depth Cut - Twister | Crane and Guard Rail Length*

| | |
|---------------|-----------------------------------|
| R-CCQ3/4-2 | ROBEL Carbide Cutter 3/4" x 2" |
| R-CCQ1-2 | ROBEL Carbide Cutter 1" x 2" |
| R-CCQ1-1/8-2 | ROBEL Carbide Cutter 1-1/8" x 2" |
| R-CCQ1-3/16-2 | ROBEL Carbide Cutter 1-3/16" x 2" |
| R-CCQ1-1/4-2 | ROBEL Carbide Cutter 1-1/4" x 2" |
| R-CCQ1-1/2-2 | ROBEL Carbide Cutter 1-1/2" x 2" |
| RPP2 | Pilot Pin - 2" Depth CCQ |

Carbide Cutters - 2" Depth Cut - Weldon Shank (Non-Twist)*

| | |
|------------------|-----------------------------------|
| R-CCQ9/16-2-NT | ROBEL Carbide Cutter 9/16" x 2" |
| R-CCQ3/4-2-NT | ROBEL Carbide Cutter 3/4" x 2" |
| R-CCQ7/8-2-NT | ROBEL Carbide Cutter 7/8" x 2" |
| R-CCQ1-1/16-2-NT | ROBEL Carbide Cutter 1-1/16" x 2" |
| R-CCQ1-1/8-2-NT | ROBEL Carbide Cutter 1-1/8" x 2" |
| R-CCQ1-3/16-2-NT | ROBEL Carbide Cutter 1-3/16" x 2" |
| R-CCQ1-1/4-2-NT | ROBEL Carbide Cutter 1-1/4" x 2" |
| R-CCQ1-5/16-2-NT | ROBEL Carbide Cutter 1-5/16" x 2" |
| R-CCQ1-3/8-2-NT | ROBEL Carbide Cutter 1-3/8" x 2" |
| R-CCQ1-3/4-2-NT | ROBEL Carbide Cutter 1-3/4" x 2" |
| R-CCQ2-3/4-2-NT | ROBEL Carbide Cutter 2-3/4" x 2" |
| RPP2 | Pilot Pin - 2" Depth CCQ |

Carbide Cutters - 3" Depth Cut - Weldon Shank (Non-Twist)*

| | |
|---------------|--|
| R-CCQ5/8-3 | ROBEL Carbide Cutter 5/8" x 3" |
| R-CCQ3/4-3 | ROBEL Carbide Cutter 3/4" x 3" |
| R-CCQ7/8-3 | ROBEL Carbide Cutter 7/8" x 3" |
| R-CCQ15/16-3 | ROBEL Carbide Cutter 15/16" x 3" |
| R-CCQ1-3 | ROBEL Carbide Cutter 1" x 3" |
| R-CCQ1-1/8-3 | ROBEL Carbide Cutter 1-1/8" x 3" |
| R-CCQ1-1/4-3 | ROBEL Carbide Cutter 1-1/4" x 3" |
| R-CCQ1-5/16-3 | ROBEL Carbide Cutter 1-5/16" x 3" |
| R-CCQ1-1/2-3 | ROBEL Carbide Cutter 1-1/2" x 3" |
| RPP3 | Pilot Pin - 3" Depth CCQ (TST50, 3rd Rail - 150lb) |
| R-PFA1 | Spacing Block Adapter - 150LB-RE 3rd Rail Drilling |

Additional Accessories

| | |
|------------|---|
| RL2-1 | ROBEL Biodegradable Cutting and Drilling Fluid - 1G Bottle (10 1 Mix Ratio) |
| 9781890120 | Rail Drill Aluminum Transport Case - 10.20 + 10.40 |
| 8204062002 | Universal 3-Hole Drilling Template - 10.20 + 10.40 |

*Additional sizes and applications are available upon request

ROBORE 11.20 E³ BATTERY TIE DRILL

SPECIFICATIONS

Adjustable Drilling Depth

Up to 8"

Drilling Diameter

0.5 – 1"

Drilling Duration (wooden tie)

Approx. 3 seconds

Dimensions (L x W x H)

9 x 21.5 x 40.5"

Weight

44.5 lbs

Run Time

Battery 400wh – Up to 250 3/4" holes

Battery 800wh – Up to 500 3/4" holes



BENEFITS

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- Uses standard 7/16" hex-shank drill bits
- Quick disconnect chuck
- Forward and reverse drive
- Depth gauge
- Spring-loaded action, minimum effort required by the operator
- Suitable for all wooden ties including EKKI and AZOBE ties

BATTERY TECHNOLOGY

ROBORE 11.20 E³ ACCESSORIES

PV Style - Auger Bits - Wooden Ties

| | |
|----------|----------------------|
| N-RPV160 | 5/8" Tie Drill Bit |
| N-RPV180 | 11/16" Tie Drill Bit |
| N-RPV190 | 3/4" Tie Drill Bit |
| N-RPV220 | 7/8" Tie Drill Bit |
| N-RPV210 | 13/16" Tie Drill Bit |

Hex Quick Release - Auger Bits - Wooden Ties

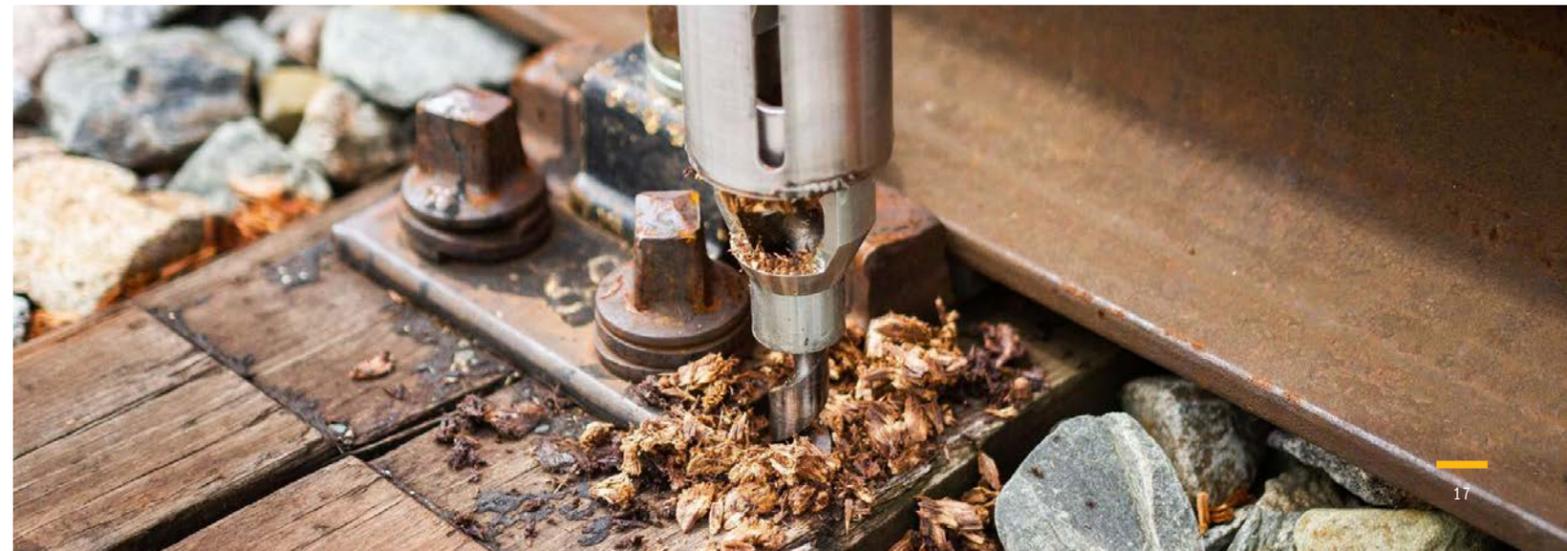
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|------------|--|
| N-HEX7-16 | 7/16" Hex Quick Release 7/16" x 17" Auger Bit |
| N-HEX1-2 | 7/16" Hex Quick Release 1/2" x 17" Auger Bit |
| N-HEX9-16 | 7/16" Hex Quick Release 9/16" x 17" Auger Bit |
| N-HEX5-8 | 7/16" Hex Quick Release 5/8" x 17" Auger Bit |
| N-HEX11-16 | 7/16" Hex Quick Release 11/16" x 17" Auger Bit |
| N-HEX3-4 | 7/16" Hex Quick Release 3/4" x 17" Auger Bit |
| N-HEX13-16 | 7/16" Hex Quick Release 13/16" x 17" Auger Bit |
| N-HEX7-8 | 7/16" Hex Quick Release 7/8" x 17" Auger Bit |
| N-HEX15-16 | 7/16" Hex Quick Release 15/16" x 17" Auger Bit |

Special Application - Auger Bits

| | |
|---------------|---|
| N-HEX5-16 | 7/16" Hex Quick Release 5/16" x 18" Auger Bit - 3rd Rail Pot Drilling |
| N-HEX1-2-UT | Utility - 1/2" x 18" Auger Bit |
| N-HEX3-4-COMP | 7/16" Hex Quick Release 3/4" - Composite Ties |

*Different nose cone sizes are available upon request.

Portable battery tie drill for quick and easy drilling of wooden and synthetic ties.

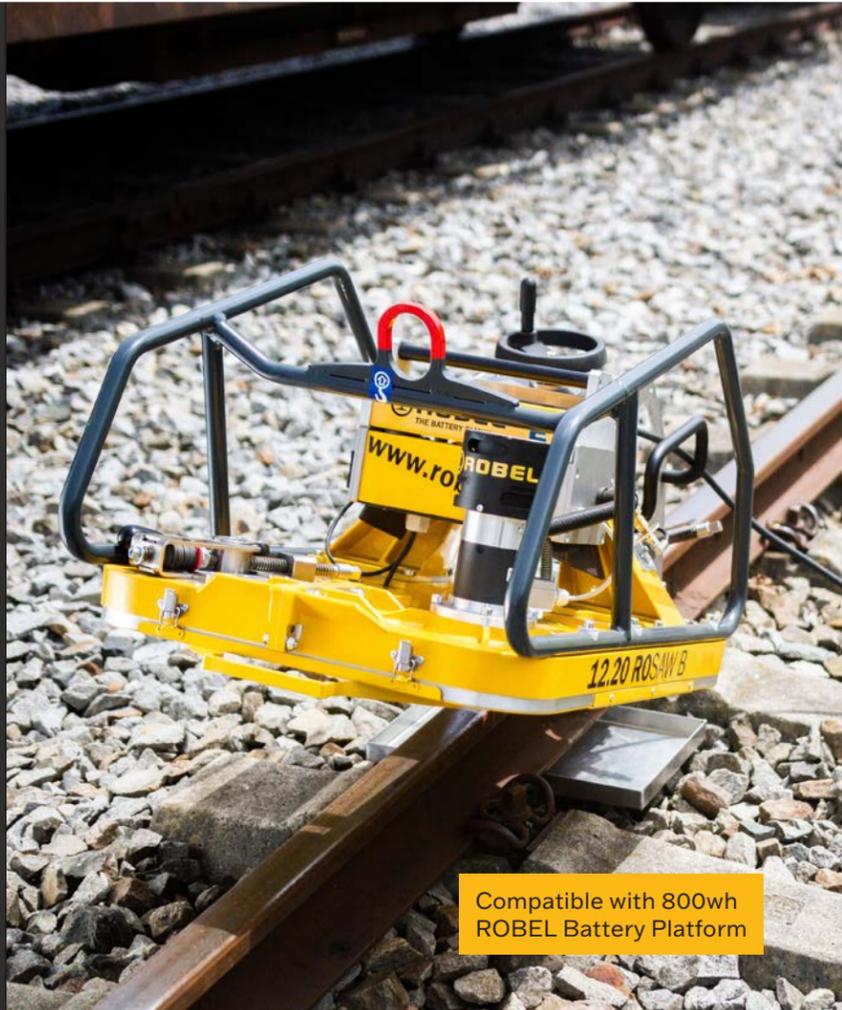


ROSAW 12.20MSB E³ BATTERY BAND SAW

SPECIFICATIONS FOR MANUAL AND AUTOMATIC FEED

- | Cutting Time**
Approx. 2 min*
- | Number of Cuts Per
Battery Charge (Battery 800wh)**
Approx. 22*
- | Saw Blade Service Life**
Up to 8 cuts*
- | Weight**
220.5 lbs
- | Dimensions (L x W x H)**
37.5 x 23.5 x 27"

*Depending on rail profile, rail quality, etc.



Compatible with 800wh
ROBEL Battery Platform

BENEFITS

- | Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments**
- | Safe and sparkless**
- | Low noise, without exhaust emissions**
- | No holding and guiding**
- | Precise cold cutting without heating the rail**
- | Stress cracks are avoided**
- | Safety kill-switch**
- | Optional automatic feed**

BATTERY TECHNOLOGY

**Cuts rails
precisely and
safely with
patented
4-roller
technology.**

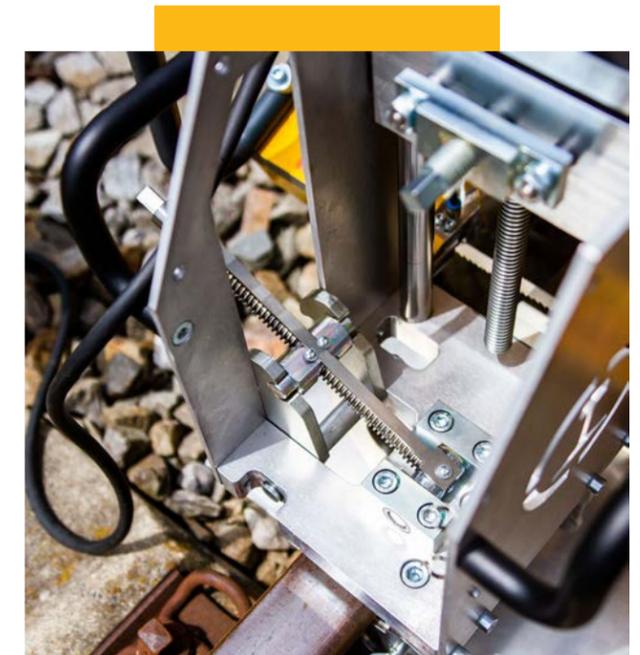


ROSAW 12.20NSB E³ ACCESSORIES

Accessories

| | |
|--|---|
| 9801272008 | Band Saw Blade |
| 5098960001 | Transport Box |
| Rail Profile Templates (sold in sets) | |
| 5094050150 | Band Saw 12.20 - Rail Shoe - 115RE/100ARA-B |
| 5094050160 | Band Saw 12.20 - Rail Shoe - 133RE |
| 5094050170 | Band Saw 12.20 - Rail Shoe - 132RE/136RE |
| 5094050250 | Band Saw 12.20 - Rail Shoe - 140RE/141RE |

*Different rail profile templates are available upon request.



**With
patented
4-roller
technology.**

ROGRIND 13.45MD E³ BATTERY PROFILE GRINDER

SPECIFICATIONS

Output

6.6 kW

Weight

From 121.5 lbs

Run Time

1 hour constant grinding time under load

Dimensions (L x W x H)

41 x 20 x 35.5"

Compatible with 2300wh
ROBEL Battery Platform



BENEFITS

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- Interchangeable accessories for various applications
- 5/8-11 standard cup stone thread (6" diameter)
- The most powerful electric motor in its weight class
- Adjustable resistance of operator hand wheel
- Safety kill-switch

**High-output
battery
profile
grinder for
reprofiling
and weld
finishing.**

ROGRIND 13.45MD E³ ACCESSORIES

Accessories

| | |
|------------|------------------------------|
| 5150850003 | Crane Rail Wheels |
| 5158930001 | Corrugation Arm (2 required) |
| 5158931002 | Extension Arm for frogs |

ROBEL Cup Wheels

| | |
|------------|--|
| 9002003606 | ROGRIND Grinding Wheel 6" x 2.5" x 5/8" (With Stone Removing-Nut) |
|------------|--|

NORTON Cup Wheels

| | |
|-------------|--------------------------------------|
| 69083112401 | NORTON - 6" x 3" x 5/8"-11 Cup Wheel |
|-------------|--------------------------------------|

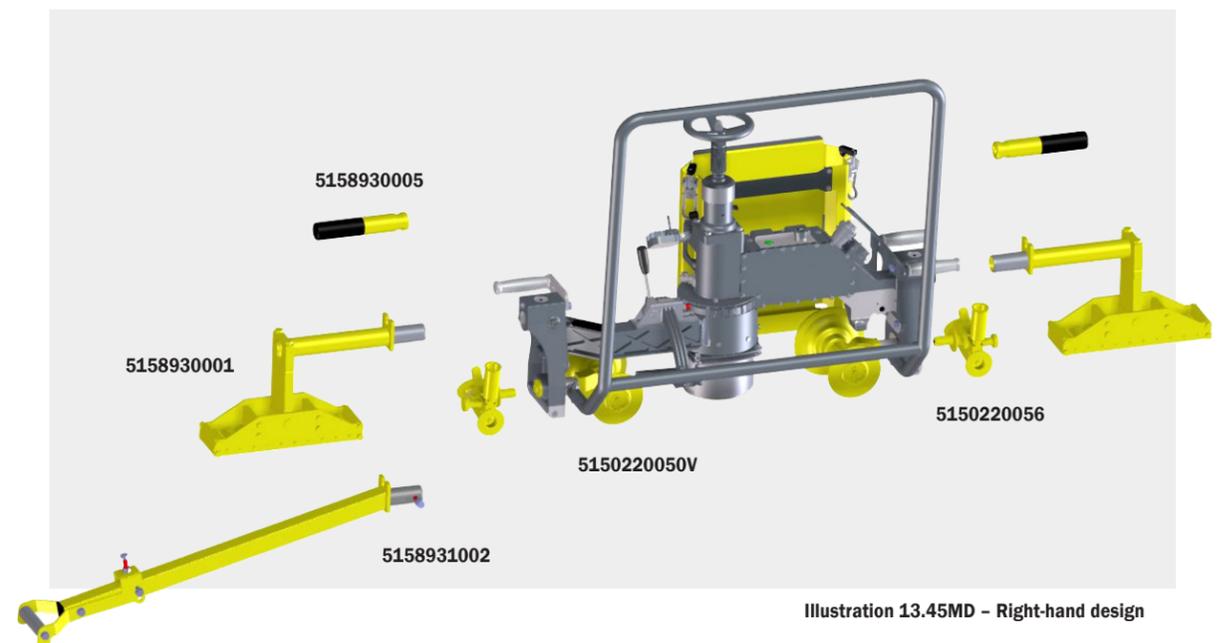


Illustration 13.45MD - Right-hand design

ROGRIND 13.49 E³ BATTERY ZERO-POINT GRINDER

SPECIFICATIONS

Output

6.6 kW (ROBATTERY 71.02)
3.0 kW (ROPOWER 70.02)

Weight

From 139 lbs

Maximum Power

Circumferential Speed 164 ft/s

Speed

5,000 rpm

Dimensions (L x W x H)

77 x 18 x 33.5"



BENEFITS

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- Ability to set the "zero-point" of the stone, preventing over grinding
- M20 cup stone thread
- High grinding quality and clear view of the grinding area
- Patented ROBEL design
- Integrated dust and spark protection due to air exhausted
- Safety kill-switch

**One machine,
two drive options.
Precise grinding.**

ROGRIND 13.49 E³ ACCESSORIES

Accessories

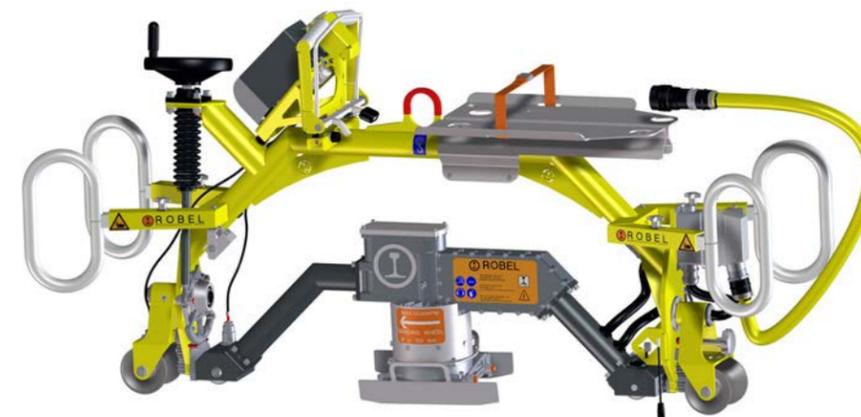
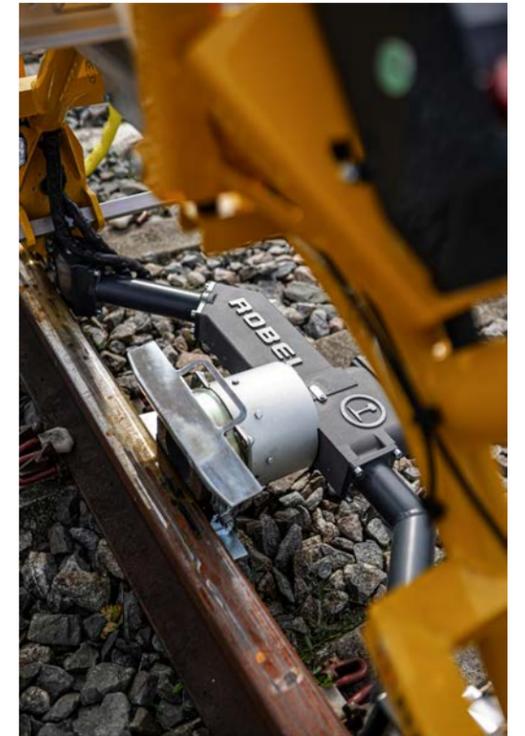
ROBEL Cup Stones - 6" (M20 Thread)

9002000690 Ø 6" Central Nut Holder M20

9002000689 Ø 6" Screw Fastening 4xM8, pitch circle Ø 4.5"

*Different cup wheels are available upon request.

**Choose your power:
battery or generator.**



ROGRIND 13.49
Outrigger

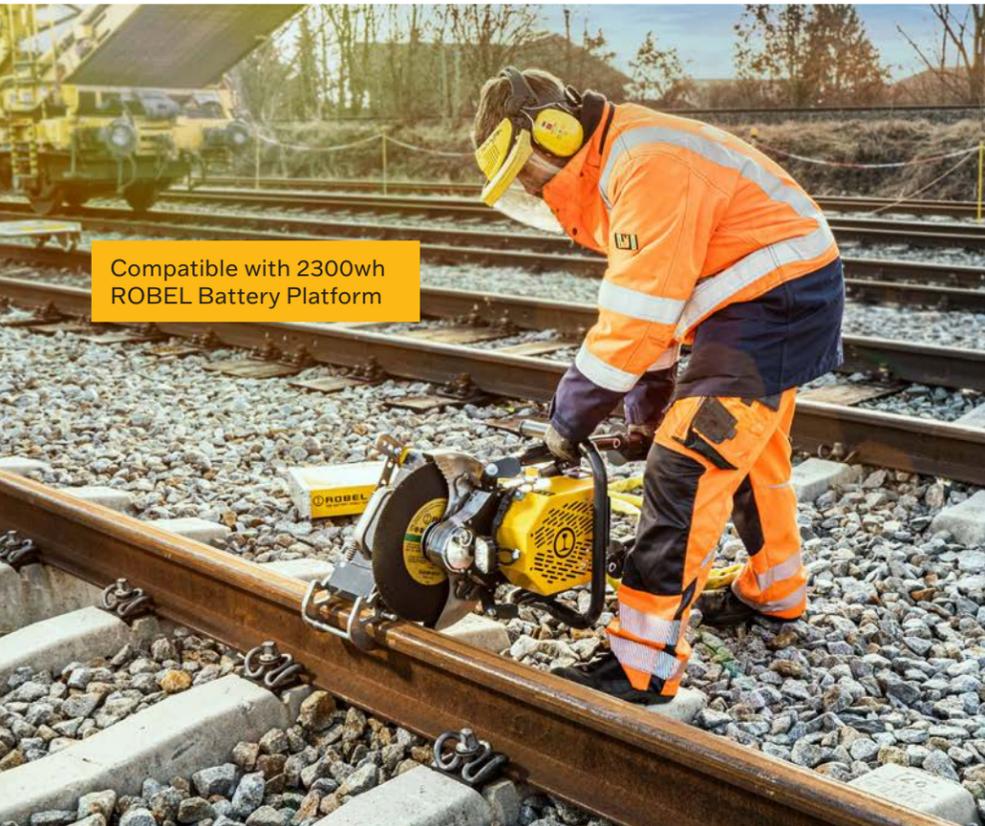


Battery 2300 Wh



ROPOWER 70.02

ROCUT 13.90 E³ BATTERY 16" RAIL SAW



Compatible with 2300wh
ROBEL Battery Platform

SPECIFICATIONS

- Max. Cutting Disc Speed
5450 rpm
- Cutting Rate
1 minute per cut
- Run Time
20 cuts per charge
- Weight
Rail Cutter 40 lbs
- Drive
Brushless electric motor

BENEFITS

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- 2-dual handle system enables cutting sparks to allow flow in the downward direction
- Rail arm is universal for running rail and 3rd rail
- Integrated LED performance display for cut monitoring
- BIDIRECTIONAL arm without detaching the saw
- Spring-loaded arm reduces operator working weight
- Arm allows for slab track conditions
- Safety kill-switch

ACCESSORIES

- 69083189019 NORTON - 16" x 1/8" x 1" Cutting Disc A48 GenII
- 69083190367 NORTON - 14" x 1/8" x 1" Cutting Disc A48 GenII
- 529750702 Husqvarna - 16" x 5/32" x 1" Cutting Disc [Elite]
- 5016060210 Detachable Connection Cable (weight: 5lbs)

For fast and efficient cutting of maximum strength rails.

ROMPACT 30.20 E³ BATTERY 1" DRIVE IMPACT WRENCH

Quick tightening and loosening of tie, switch, and joint bar, lags, and bolts.

BENEFITS

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- Impact head rotates 90 degrees for joint bar applications
- 1" Drive Standard Impact Wrench
- Adjustable torque - 50/75/100 %
- Forward and reverse drive

ACCESSORIES

Specialty Sockets & Accessories

- Drive Dome Headed Specialty Railroad Socket with Pins
- Rectangular 1" Drive 7/8" x 1-1/8" Impact Socket
- 1" Drive TX70 Torx Socket
- 1" Drive Impact Extension - 13"
- 1" Drive Impact Universal Joint ("Swivel")

Socket Retaining Clips

- R-CLIP-NR 1" Socket Retaining Clip (1.85"-2.24" Outside Diameter)
- R-CLIP-NR57 1" Socket Retaining Clip (2.24"-2.64" Outside Diameter)

1" Drive Impact Sockets

- 6-Point**
- 3/4" - Timber Screw Socket
- 1" - Deep Well
- 1-11/16" - Deep Well
- 1-13/16" - Deep Well

8-Point

- 3/4" - Deep Well
- 7/8" - Deep Well Tapered
- 1-1/8" - Deep Well Tapered
- 1-1/4" - Deep Well Tapered
- 1-3/8" - Deep Well Tapered
- 1-7/16" - Deep Well Tapered

Compatible with 800wh
ROBEL Battery Platform



8-Point (cont.)

- 1-1/2" - Deep Well Tapered
- 1-11/16" - Deep Well Tapered
- 1-3/4" - Deep Well Tapered
- 1-13/16" - Deep Well Tapered
- 1-7/8" - Deep Well Tapered
- 2" - Deep Well Tapered
- 2-1/8" - Deep Well Tapered
- 2-3/16" - Deep Well Tapered
- 2-1/4" - Deep Well Tapered
- 12-Point**
- 1-5/8" - Deep Well Tapered

ROWRENCH 30.76 E³ BATTERY PRECISION POWER WRENCH

SPECIFICATIONS

Output
7.5 kW

Loosening Torque
700 lb-ft

Tightening Torque
400 lb-ft

Number of Wrenching Cycles/Battery Charge
Up to 5,000*

Dimensions (L x W x H)
79 - 86.5 x 26 x 28"

Weight
218.5 lbs

*Depending on rail profile, rail quality, etc.



Compatible with 2300wh
ROBEL Battery Platform

WORK RESULT FULLY DOCUMENTED

Captures wrenching frequency, mile marking, and wrenching mode and reports in Excel log with GPS via USB

Battery powered, intelligent bolter.

ERGONOMIC & SUSTAINABLE

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- Balanced machine due to telescopic frame and height-adjustable handles
- The torque is measured electronically at the screw spindle
- Safety kill-switch
- Self-learning and intuitive control
- Recognizes defective screws and damaged threads, reacts to conditions, and regulates further wrenching processes
- Selection of track type at the push of a button
- Machine automatically adjusts to track quality

OPTIONS

- | | | |
|---------------------------|------------------------------------|---|
| 1. Travelling Gear | 5010820006 Monorail Trolley | 7730750001 Transverse Gear, gauge 56.5" |
| | | *Different gauges are available upon request. |
| 2. Extensions | Contact your ROBEL Representatives | |
| 3. Sockets | Contact your ROBEL Representatives | |

ROWRENCH 30.76 E³ ACCESSORIES

USB Stick

9008000057 Replacement USB Stick

Toolbox

8328980100 Socket and Accessory Toolbox

Cover

9000100065 All weather cover



ROWRENCH 30.82HKS E³ BATTERY UNIVERSAL POWER WRENCH

SPECIFICATIONS

Output (Spindle Speed)

4 kW at 3,600 rpm

Tightening and Loosening Torque

Upon Request

Run Time

1,000 lags per charge

Dimensions (L x W x H)

75.5 x 23.5 x 23.5 - 31.5"

Weight

From 220.5 lbs



Production-grade machine for tightening and loosening of tie, switch, and joint bar bolts.

RELIABLE WRENCHING, PRECISE RESULTS

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- Torque gauge display
- Folding and height-adjustable handles
- The torque is measured electronically at the screw spindle
- Long service life due to ROBEL high-performance clutch
- Safety kill-switch

For further information on configuration and accessories, see 30.82HKS Universal Power Wrench.

BATTERY TECHNOLOGY

ROSPIKE 33.25 E³ BATTERY SPIKE DRIVER

SPECIFICATIONS

Output

2 kW

Weight Spike Driver with 400 Wh Battery

79.5 lbs

Run Time

1,000 spikes per charge

Dimensions (L x W x H)

38.5 x 21 x 12"



POWERFUL AND ROBUST

- Offering low hand-arm vibration, bright LED lighting, and ideal operation in tunnels and urban environments
- Quick spike driving (< 5 seconds)
- No pre-drilling of holes necessary
- Ergonomic and compact handle

The world's first battery powered spike driver.

ROCONVERT 72.01 E³ BATTERY CONVERSION KIT



Simple conversion from combustion engine to battery motor, the alternative to new investment.

THE ALTERNATIVE TO NEW INVESTMENT.

- Convert Honda GX200 engines to ROBEL Battery Platform
- Offering low hand-arm vibration and ideal operation in tunnels and urban environments
- Safety kill-switch

ROPOWER 76.20 E³ BATTERY HYDRAULIC PUMP

SPECIFICATIONS

- Output**
1.3 kW
- Pressure Supply**
550 bar + 670 bar
- Dimensions**
24 x 14.5 x 15.5"
- Run Time per Charge**
30 shears (14 stressing operations)



BENEFITS

- For use with the ROBEL Weld Shear or Rail Stressor (ROTRIM 14.10+ ROSTRESS 24.70)
- Emergency hand pump
- Automatic changeover from low pressure range to high pressure range
- Keyed couplers prevent misconnection
- Ideal operation for tunnels and urban environments

ACCESSORIES

| | |
|------------|--|
| 9000860451 | Hose kit ROTRIM 14.10 Hydraulic Weld Shear |
| 9000860480 | Hose kit ROSTRESS 24.70 Hydraulic Rail Stressor |
| 5088930003 | Distribution block for operating 2 rail stressors (ROSTRESS 24.70) |



Emission-free power for weld shears and rail stressors.

**Reliable, powerful,
and built for
performance.**

Precision and efficiency
for demanding rail
applications.

GASLIGHTS

ROTAMP 62.05L VERTICAL TAMPER

SPECIFICATIONS

Drive

4-cycle engine

Type

Honda GX 50

Output

1.47 kW

Dimensions (L x W x H)

43.5 x 20 x 17.5"

Weight

42 lbs



BENEFITS

- ROBEL vertical tamping principle allows for accurate interlocking of the ballast
- Patented, world-renowned tool
- Operates through vibration, not compaction
- Vibrating shaft prevents damage to ballast and ties
- Low hand-arm vibration
- Tie tamped within 2 minutes
- Replaceable tamping tool made of wear-resistant steel

ROCUT 13.70 HUSQVARNA 16" K1270 RAIL SAW

SPECIFICATIONS

Drive

2-cycle Husqvarna engine

Output

5.8 kW

Weight

66 lbs



BENEFITS

- Widely-known and accepted abrasive rail saw
- Husqvarna - K1270 16" Rail Saw, complete with arm and wooden case

ACCESSORIES

| | |
|-------------|---|
| 69083189019 | NORTON - 16" x 1/8" x 1" Cutting Disc A48 GenII |
| 69083190367 | NORTON - 14" x 1/8" x 1" Cutting Disc A48 GenII |
| 529750702 | Husqvarna - 16" x 5/32" x 1" Cutting Disc [Elite] |

Available Rail Arms

| | |
|-----------|---|
| 546376302 | K1270 Standard Rail Arm (RA10) |
| 546376502 | K1270 3rd Rail + Crane Rail + Girder Rail Arm (RA10s) |

ROBEL North America is a proud distributor for Husqvarna North America.

RODRILL 10.40 GAS RAIL DRILL

SPECIFICATIONS

Drive

Honda GX50 4-cycle engine

Total Weight

26.5 lbs

Dimensions (L x W x H)

21 x 14 x 21"



BENEFITS

- Drilling time: 12 – 60 seconds, depending on hole size
- Adjustable operating handle
- Quick lock chuck for twister style bits

**Easy,
efficient
drilling.**

RODRILL 10.40 ACCESSORIES

Running Rail Templates | Flip Flop Design*

| | |
|------------|--------------------------------|
| R_ES_00033 | 115lb/119lb RE 132lb/136lb RE |
| R_ES_00034 | 141lb AB 132lb/136lb RE |
| R_ES_00035 | 115lb/119lb RE 100lb ARA-B |
| R_ES_00036 | 140lb RE / 133lb RE |
| R_ES_00037 | 90lb ARA-A / 100lb ARA-A |
| R_ES_00038 | 90lb ASCE / 100lb ASCE |
| R_ES_00039 | 105lb DY / 127lb DYM |
| R_ES_00041 | 100lb DY + 110lb RE / 100lb RE |
| R_ES_00042 | 100lb PS / 130lb PS |
| R_ES_00043 | 130lb RE / 131lb RE |
| R_ES_00046 | 133lb RE / 132/136lb RE |
| R_ES_00063 | S49/S54 / UIC60 |
| R_ES_00064 | 140lb RE / 141lb RE |

Crane Rail Templates*

| | |
|------------|-----------------------|
| R_ES_00040 | 80lb ASCE / 85lb ASCE |
| R_ES_00055 | 30lb ASCE |
| R_ES_00056 | 60lb ASCE |
| R_ES_00057 | 105lb ASCE |
| R_ES_00058 | 135lb ASCE |
| R_ES_00059 | 175lb ASCE |
| R_ES_00061 | CR73 |

Third Rail Templates*

| | |
|--------------|---|
| R-MPAF 84C-F | Comp Template - 84C-F Contact Rail Shoe - Aluminum Comp. 3rd Rail |
| R-MPAF 85C-P | Comp Template - 85C Contact Rail Shoe - Aluminum Comp. 3rd Rail |
| R-MPAF-150RE | 150lb Contact Rail Shoe - Solid Third Rail |

Grooved Rail Templates*

| | |
|------------|---|
| R_ES_00062 | Rail Drill Shoe 62R1 (NP4aM) - Grooved Rail |
|------------|---|

*Additional sizes and applications are available upon request



RODRILL 10.40 ACCESSORIES

Rail Drill Clamps

| | |
|------------|--|
| 7814104004 | R-DBG-GR Over Rail Clamp (Running Rail + Guard Rail Compatible) - 10.20 + 10.40 |
| 9801040089 | R-DBG-LY Over Rail Long Arm Curved Clamp (Girder Rail Applications) - 10.20 + 10.40 |
| 7814104005 | R-DBG-AY Over Rail Long Arm Clamp (3rd Rail + Crane Rail Applications) - 10.20 + 10.40 |
| R-DBG-GR-W | Guard Rail Wheels - R-DBG-GR - 10.20 + 10.40 |

3rd Rail + Strap Guard Drilling

| | |
|-------------------------------|---|
| Two-Stage Strap Device | |
| 7818930003 | TST50 - 3rd Rail + Strap Guard Two-Stage Drilling Accessory |

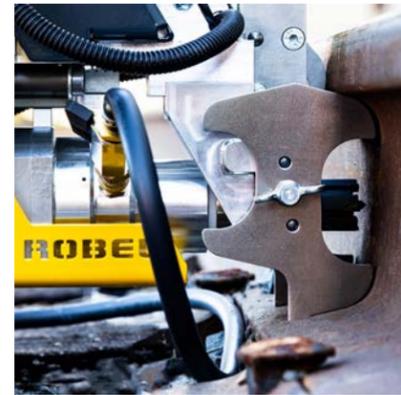
Signaling and Wheel Sensor Drilling

| | |
|---------------------------------|---|
| Gold Spiral Bits | |
| N-PRE1-2 | 1/2" Gold Spiral Drill Bit (13mm) (Required Adapter R-AD1-2) |
| N-RPE-1-2L | 1/2" Long Gold Spiral Drill Bit (13mm) (Required Adapter R-AD1-2) |
| N-RPE95C | 3/8" Gold Spiral Drill Bit (Required Adapter R-AD3-8) |
| Gold Spiral Bit Adapters | |
| R-AD1-2 | Twist Drill Adapter - N-RPE1-2 & N-RPE1-2L |
| R-AD3-8 | Twist Drill Adapter - N-RPE95C |

Aluminum Composite Drilling

| | |
|---|--|
| Composite Spiral Bit | |
| R-PE1L1-AR | 1" Aluminum Composite 3rd Rail Drill Bit - Including Fluid Holes and Fluid Pin (DPE) |
| R-PE7/8L1-AR | 7/8" Aluminum Composite 3rd Rail Drill Bit - Including Fluid Holes and Fluid Pin (DPE) |
| Composite Spiral Bit Accessories | |
| R-DPE | Fluid Spacer - R-PE1L1-A |

*Additional sizes upon request



Carbide Cutters - 7/8" Depth Cut - Twister*

| | |
|-----------------|-------------------------------------|
| R-CCQ3/4-7/8 | ROBEL Carbide Cutter 3/4" x 7/8" |
| R-CCQ7/8-7/8 | ROBEL Carbide Cutter 7/8" x 7/8" |
| R-CCQ1-7/8 | ROBEL Carbide Cutter 1" x 7/8" |
| R-CCQ1-1/16-7/8 | ROBEL Carbide Cutter 1-1/16" x 7/8" |
| R-CCQ1-1/8-7/8 | ROBEL Carbide Cutter 1-1/8" x 7/8" |
| R-CCQ1-3/16-7/8 | ROBEL Carbide Cutter 1-3/16" x 7/8" |
| R-CCQ1-1/4-7/8 | ROBEL Carbide Cutter 1-1/4" x 7/8" |
| R-CCQ1-3/8-7/8 | ROBEL Carbide Cutter 1-3/8" x 7/8" |
| R-CCQ1-5/16-7/8 | ROBEL Carbide Cutter 1-5/16" x 7/8" |
| R-CCQ1-7/16-7/8 | ROBEL Carbide Cutter 1-7/16" x 7/8" |
| R-CCQ1-1/2-7/8 | ROBEL Carbide Cutter 1-1/2" x 7/8" |
| R-CCQ2-7/8 | ROBEL Carbide Cutter 2" x 7/8" |
| RPP7-8 | Pilot Pin - 7/8" Depth CCQ |

Carbide Cutters - 2" Depth Cut - Twister | Crane and Guard Rail Length*

| | |
|---------------|---|
| R-CCQ3/4-2 | ROBEL Carbide Cutter 3/4" x 2" (Twist Shank) |
| R-CCQ1-2 | ROBEL Carbide Cutter 1" x 2" |
| R-CCQ1-1/8-2 | ROBEL Carbide Cutter 1-1/8" x 2" (Twist Shank) |
| R-CCQ1-3/16-2 | ROBEL Carbide Cutter 1-3/16" x 2" (Twist Shank) |
| R-CCQ1-1/4-2 | ROBEL Carbide Cutter 1-1/4" x 2" (Twist Shank) |
| R-CCQ1-1/2-2 | ROBEL Carbide Cutter 1-1/2" x 2" (Twist Shank) |
| RPP2 | Pilot Pin - 2" Depth CCQ |

Carbide Cutters - 2" Depth Cut - Weldon Shank (Non-Twist)*

| | |
|------------------|-----------------------------------|
| R-CCQ9/16-2-NT | ROBEL Carbide Cutter 9/16" x 2" |
| R-CCQ3/4-2-NT | ROBEL Carbide Cutter 3/4" x 2" |
| R-CCQ7/8-2-NT | ROBEL Carbide Cutter 7/8" x 2" |
| R-CCQ1-1/16-2-NT | ROBEL Carbide Cutter 1-1/16" x 2" |
| R-CCQ1-1/8-2-NT | ROBEL Carbide Cutter 1-1/8" x 2" |
| R-CCQ1-3/16-2-NT | ROBEL Carbide Cutter 1-3/16" x 2" |
| R-CCQ1-1/4-2-NT | ROBEL Carbide Cutter 1-1/4" x 2" |
| R-CCQ1-5/16-2-NT | ROBEL Carbide Cutter 1-5/16" x 2" |
| R-CCQ1-3/8-2-NT | ROBEL Carbide Cutter 1-3/8" x 2" |
| R-CCQ1-3/4-2-NT | ROBEL Carbide Cutter 1-3/4" x 2" |
| R-CCQ2-3/4-2-NT | ROBEL Carbide Cutter 2-3/4" x 2" |
| RPP2 | Pilot Pin - 2" Depth CCQ |

Carbide Cutters - 3" Depth Cut - Weldon Shank (Non-Twist)*

| | |
|---------------|--|
| R-CCQ5/8-3 | ROBEL Carbide Cutter 5/8" x 3" |
| R-CCQ3/4-3 | ROBEL Carbide Cutter 3/4" x 3" |
| R-CCQ7/8-3 | ROBEL Carbide Cutter 7/8" x 3" |
| R-CCQ15/16-3 | ROBEL Carbide Cutter 15/16" x 3" |
| R-CCQ1-3 | ROBEL Carbide Cutter 1" x 3" |
| R-CCQ1-1/8-3 | ROBEL Carbide Cutter 1-1/8" x 3" |
| R-CCQ1-1/4-3 | ROBEL Carbide Cutter 1-1/4" x 3" |
| R-CCQ1-5/16-3 | ROBEL Carbide Cutter 1-5/16" x 3" |
| R-CCQ1-1/2-3 | ROBEL Carbide Cutter 1-1/2" x 3" |
| RPP3 | Pilot Pin - 3" Depth CCQ (TST50, 3rd Rail - 150lb) |
| R-PFA1 | Spacing Block Adapter - 150LB-RE 3rd Rail Drilling |

Additional Accessories

| | |
|------------|---|
| RL2-1 | ROBEL Biodegradable Cutting and Drilling Fluid - 1G Bottle (10:1 Mix Ratio) |
| 9781890120 | Rail Drill Aluminum Transport Case - 10.20 + 10.40 |
| 8204062002 | Universal 3-Hole Drilling Template - 10.20 + 10.40 |

*Additional sizes and applications are available upon request

ROBORE 11.12 GAS TIE DRILL

SPECIFICATIONS

Drive

Honda GX50 4-cycle engine

Output

1.47 kW

Adjustable Drilling Depth

Up to 8"

Drilling Diameter

0.5 - 1"

Dimensions

17 x 14 x 42.5"

Total Weight

26.5 lbs



BENEFITS

- Uses standard 7/16" hex-shank drill bits
- Quick disconnect chuck
- Depth gauge
- Spring-loaded action, minimum effort required by the operator
- Low hand-arm vibration
- Suitable for EKKI and AZOBE ties
- Adjustable operating handle for right- and left-hand operation

For efficient drilling of wooden and plastic ties.

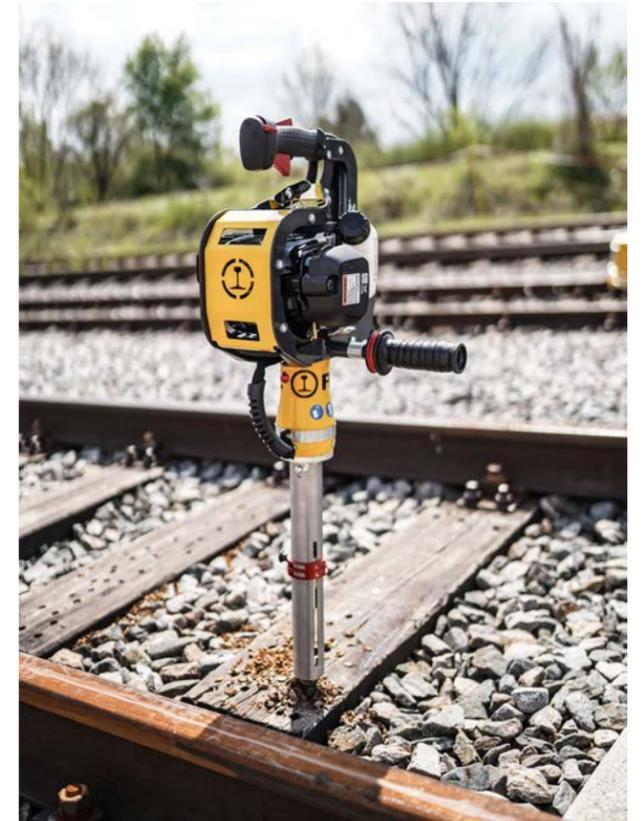
ROBORE 11.12 ACCESSORIES

PV Style - Auger Bits - Wooden Ties

| | |
|----------|----------------------|
| N-RPV160 | 5/8" Tie Drill Bit |
| N-RPV180 | 11/16" Tie Drill Bit |
| N-RPV190 | 3/4" Tie Drill Bit |
| N-RPV220 | 7/8" Tie Drill Bit |
| N-RPV210 | 13/16" Tie Drill Bit |

Hex Quick Release - Auger Bits - Wooden Ties

| | |
|------------|--|
| N-HEX7-16 | 7/16" Hex Quick Release 7/16" x 17" Auger Bit |
| N-HEX1-2 | 7/16" Hex Quick Release 1/2" x 17" Auger Bit |
| N-HEX9-16 | 7/16" Hex Quick Release 9/16" x 17" Auger Bit |
| N-HEX5-8 | 7/16" Hex Quick Release 5/8" x 17" Auger Bit |
| N-HEX11-16 | 7/16" Hex Quick Release 11/16" x 17" Auger Bit |
| N-HEX3-4 | 7/16" Hex Quick Release 3/4" x 17" Auger Bit |
| N-HEX13-16 | 7/16" Hex Quick Release 13/16" x 17" Auger Bit |
| N-HEX7-8 | 7/16" Hex Quick Release 7/8" x 17" Auger Bit |
| N-HEX15-16 | 7/16" Hex Quick Release 15/16" x 17" Auger Bit |



Special Application - Auger Bits

| | |
|---------------|---|
| N-HEX5-16 | 7/16" Hex Quick Release 5/16" x 18" Auger Bit - 3rd Rail Pot Drilling |
| N-HEX1-2-UT | Utility - 1/2" x 18" Auger Bit |
| N-HEX3-4-COMP | 7/16" Hex Quick Release 3/4" - Composite Ties |

*Different nose cone sizes are available upon request.



ROGRIND 13.45SKS GAS GRINDER



SPECIFICATIONS

- Drive**
4-cycle engine
- Type**
Honda RGX200
- Output**
4.6 kW
- Weight**
151 lbs
- Roller Spacing**
3.5 ft

BENEFITS

- Powerful Honda RGX200 4-cycle engine
- LED working light
- Right-hand operation
- Modified carburetor enables 90° machine tilt during grinding
- Suitable for thermite and flash-butt welding
- US Standard 5/8 - 11 cup thread

The grinding machine for reprofiling the rail head.

ROGRIND 13.45SKS ACCESSORIES

Accessories

- 5150850003 Crane Rail Wheels
- 5158930001 Corrugation Arm (2 required)
- 5158931002 Extension Arm for Frogs

ROBEL Cup Wheels

- 9002003606 ROGRIND Grinding Wheel 6" x 3" x 5/8-11" (With Stone Removing-Nut)

NORTON Cup Wheels

- 69083112401 NORTON - 6" x 3" x 5/8"- 11

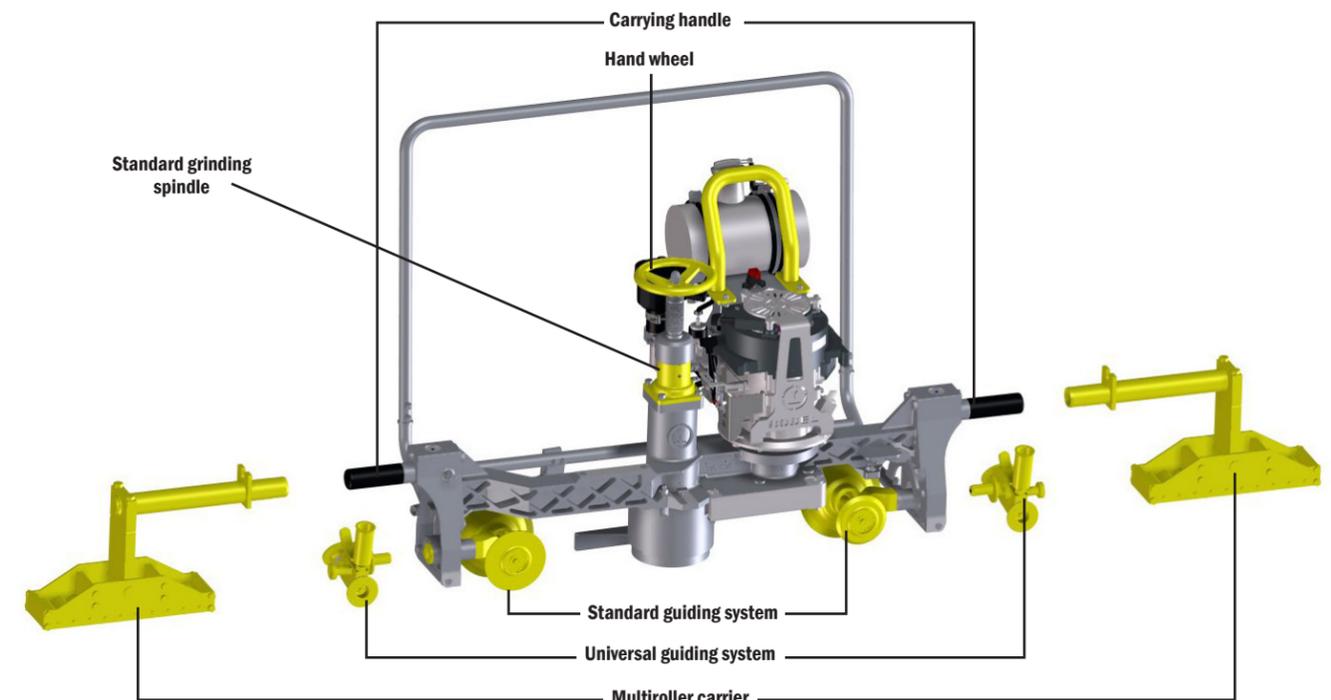
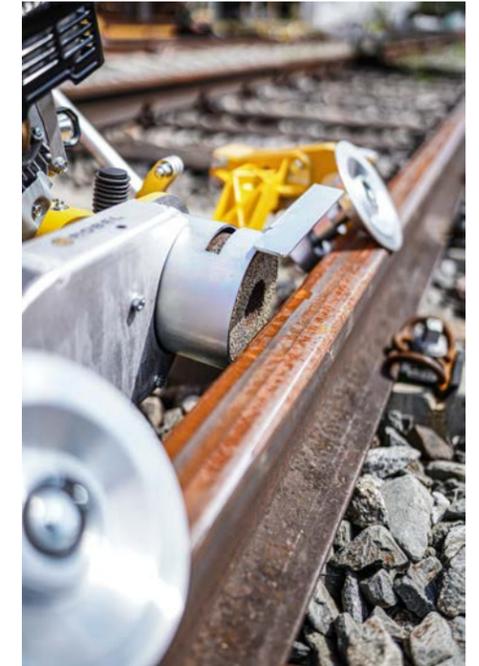


Illustration ROGRIND 13.45SKS: Left-hand guide handle

ROGRIND 13.48 RAIL HEAD PROFILE GRINDER

SPECIFICATIONS

- Drive**
4-cycle engine
- Type**
RGX200
- Output**
6.3 kW
- Speed**
4,200 rpm
- Roller Spacing**
3.5 ft
- Weight**
218 lbs
- Pivoting Angle, Copying Carriage**
92° in both directions



BENEFITS

- Powerful Honda RGX200 4-cycle engine
- LED work light
- Simple, ergonomic operation with stabilization arm for added support
- Operable with either hand
- Prevents over-grinding with controlled height and angle adjustments
- Suitable for thermite and flash-butt welding
- Dead man's brake for safety
- M20 thread stone

ROGRIND 13.48 ACCESSORIES

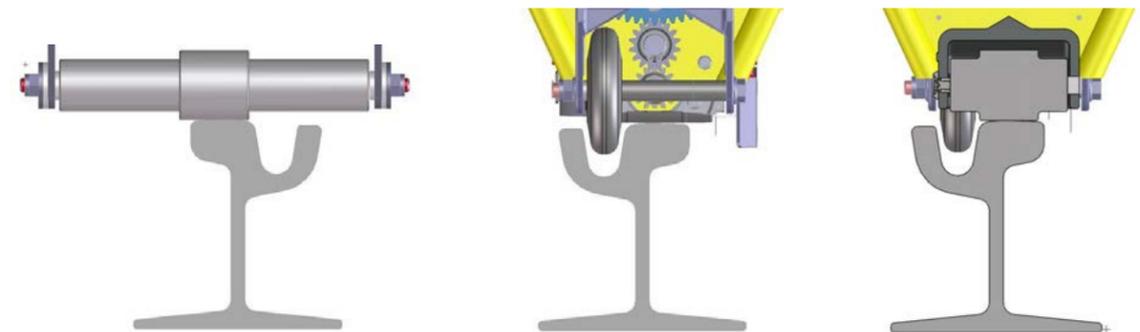
ROBEL Cup Wheels

| | |
|------------|-------------------------------------|
| 9002000687 | 5" M20 |
| 9002000688 | 5" pitch to 3.5" M20 |
| 9002000690 | 6" M20 |
| 9002000689 | 6" pitch to 4.5" M20 |
| 8489910003 | Conversion Kit for Grooved Rail |
| 9000200182 | Steel-Brush (plaited for derusting) |

*Different cup wheels are available upon request.



The precise grinding machine for reprofiling the rail head.



Conversion kit for grooved rails - outrigger, guide roller, and copying roller - 8489910003

ROGRIND 13.63 MODULAR SWITCH GRINDER



SPECIFICATIONS BASE FRAME

Track Gauge

42" - 56.5"

Dimensions in Transport Position

40" - 66"

Dimensions in Working Position (L x W x H)

90.5 x 46 x 44"

Base Frame Weight

218 lbs

BENEFITS

- | One frame, multiple applications
- | Telescopic frame reduces space for transport and storage
- | Enhanced stability with four insulated flange rollers
- | LED work light
- | Safety kill-switch
- | Suitable for grinding and reprofiling, especially in switches
- | Tool-free gauge adjustment and module change
- | Fine adjustment and large scale ensure precise grinding angle settings
- | 1 hour of continuous grinding under load with a 2300wh battery
- | Dead man's brake for safety
- | M20 thread stone
- | Gas or Battery Compatible

GAS HIGHLIGHTS

For grinding of switch blades, frogs, running rail, and check rail.

ROGRIND 13.63 ACCESSORIES

| | |
|------------|--|
| 5120110001 | Rollers for Grooved Rails |
| 5138930005 | Rotating Device 180° |
| 5138930004 | Battery Toolbox (Up to 4 Batteries 2300wh) |

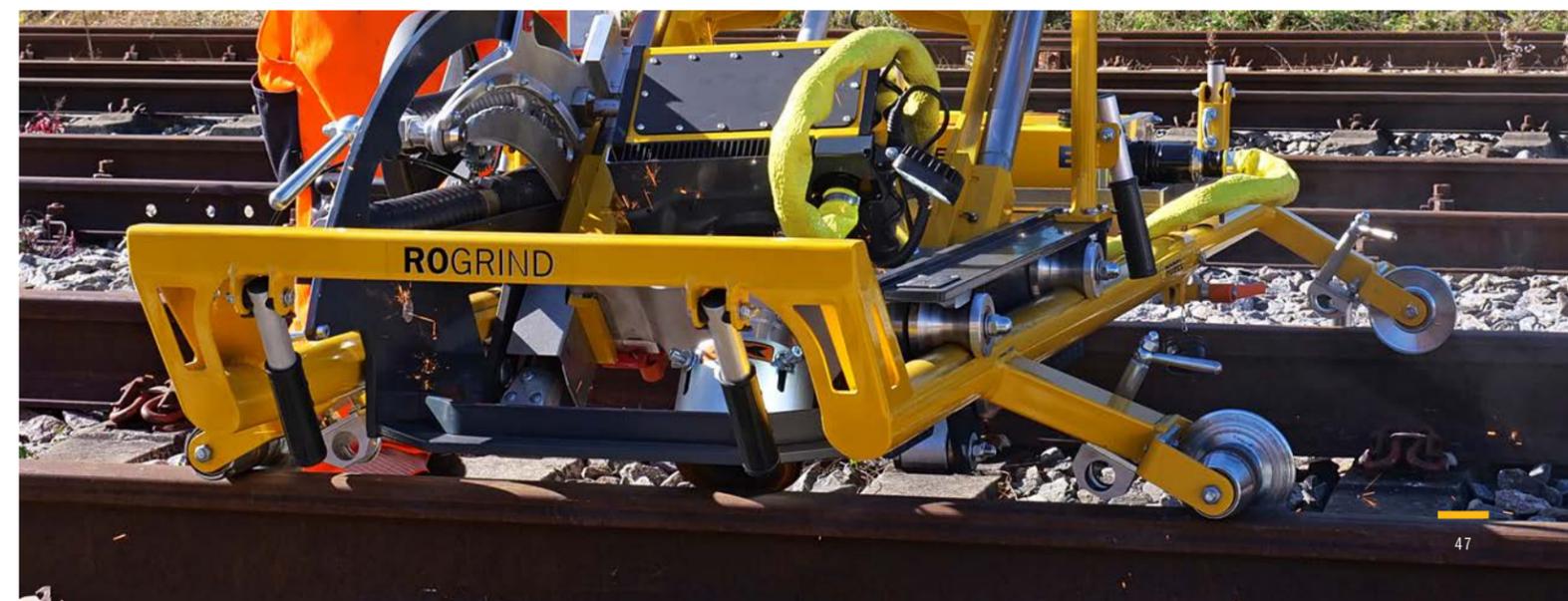
SPECIFICATION MODULE: FLAT DISC

| | | | |
|----------------------|------------------------|------------------------|------------------------|
| Drive | 4-cycle engine | 4-cycle engine | BLDC electric motor |
| Type | Honda GX200 | Honda GX270 | 2300wh Battery |
| Output | 4.3 kW | 6.3 kW | 6.3 kW |
| Max. Swiveling Range | 32° in both directions | 32° in both directions | 32° in both directions |
| Grinding Disc Speed | 3,250 rpm | 3,250 rpm | 3,250 rpm |
| Module Weight | 81 lbs | 106 lbs | 53 lbs |

ACCESSORIES

Grinding Discs for Running Rail

| | |
|------------|--|
| 9002000654 | 10" x 0.5" (Required holder - 9889410004) |
| 9002000701 | 10" x 1" |
| 9002000439 | 10" x 1.25" (Required holder - 8890810001) |
| 9002000463 | 10" x 1.5" (Required holder - 8890500001V) |



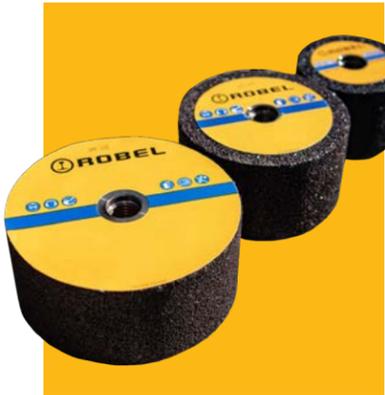
SPECIFICATION MODULE: CUP WHEEL

| | | |
|----------------------|-----------------------------|-----------------------------|
| Drive | 4-cycle engine | BLDC electric motor |
| Type | RGX200 | 2300wh Battery |
| Output | 4.6 kW | 6.6 kW |
| Max. Swiveling Range | 80° internal / 20° external | 90° internal / 32° external |
| Grinding Disc Speed | 3,900 rpm | 3,800 rpm |
| Module Weight | 67.5 lbs | 67.5 lbs |

ACCESSORIES

Cup Wheels

| | |
|------------|---|
| 9878081000 | 3.5" Conical for Frog Noses and Switches, M20 |
| 9002000330 | 3.5" Cylindrical for Built-Up Welds, M20 |
| 9002000687 | 5" M20 |
| 9002000688 | 5" pitch to 3.5" M20 |
| 9002000690 | 6" M20 |
| 9002000689 | 6" pitch to 4.5" M20 |



SPECIFICATION MODULE: RAIL WEB

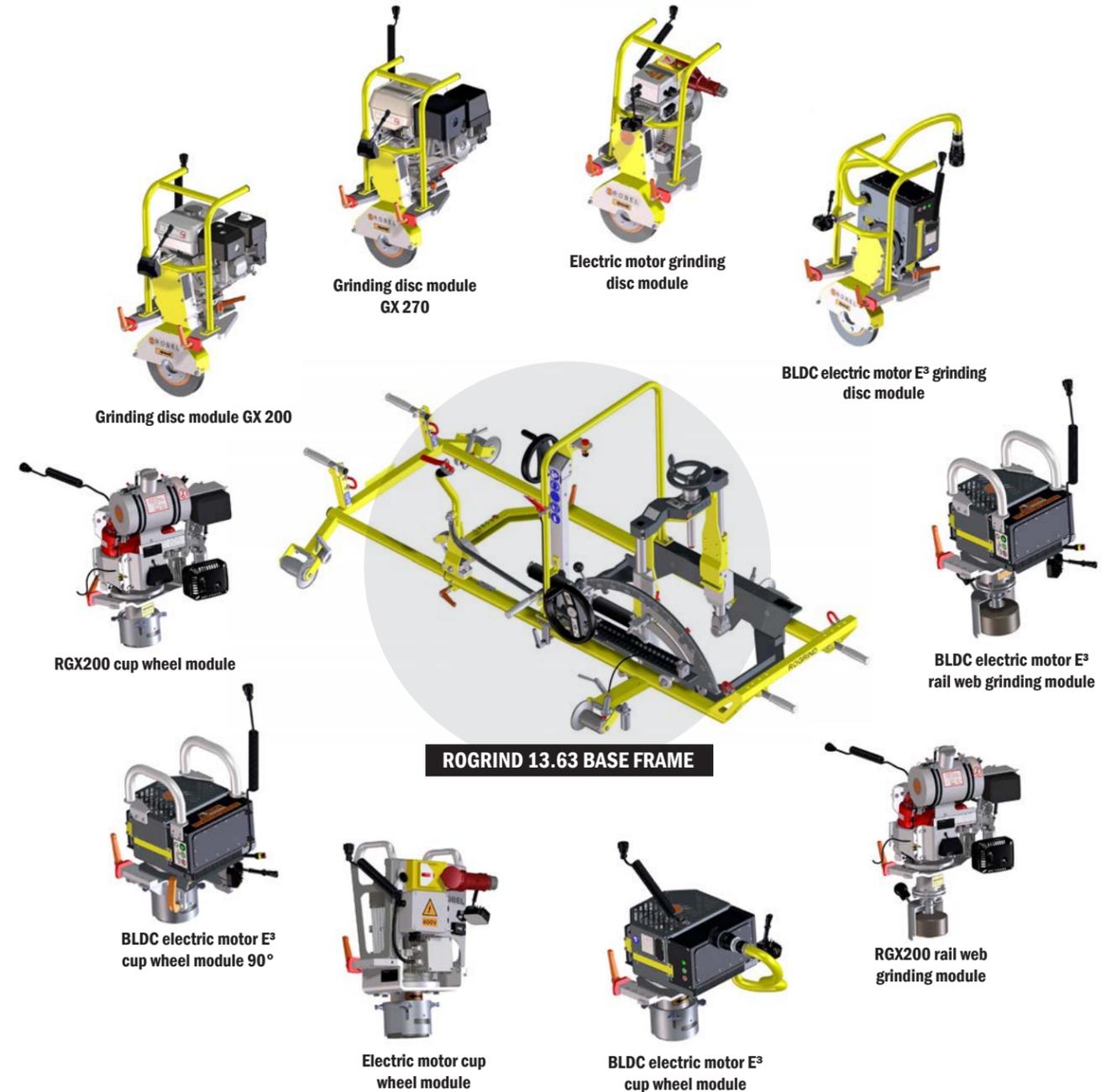
| | | |
|----------------------|----------------|---------------------|
| Drive | 4-cycle engine | BLDC electric motor |
| Type | RGX200 | 2300wh Battery |
| Output | 4.6 kW | 6.6 kW |
| Max. Swiveling Range | +/- 15° | +/- 15° |
| Grinding Disc Speed | 3,900 rpm | 3,800 rpm |
| Module Weight | 76 lbs | 53 lbs |

ACCESSORIES

Web Grinding Wheels

| | |
|------------|------------|
| 9002000556 | <115RE |
| 9898081080 | >115RE |
| 5138930008 | Wire Brush |

ROGRIND 13.63 ACCESSORIES



HONOR THE PAST. FORGE THE FUTURE.



ROTRIM 14.10 HYDRAULIC WELD SHEAR

SPECIFICATIONS

Dimensions (L x W x H)

34 x 17.5 x 13"

Weight

122.5 lbs

Shearing Force at Max. Permissible Operating Pressure

With Hand Pump: 500 bar/200 kN

With Hydraulic Power Pack: 550 bar/220 kN

Max. Stroke

6"



BENEFITS

- Ergonomic handle for easy use
- Adjustable trim height reduces finish grinding
- Stop screws minimize shear blade wear
- Quadruple pressure pads and dual guides ensure precision

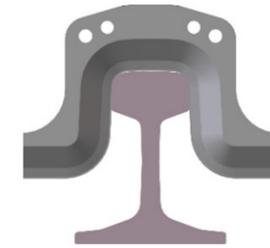
**To weld shear
thermite welded
rail welds.**

ROTRIM 14.10 ACCESSORIES

Shear Blade Sets

| | |
|------------|---------------|
| 8859900001 | 115RE + 119RE |
| 8859900003 | 132RE |
| 9801410001 | 136RE |

*Different shear blade sets are available upon request.



Shear blade FORM A (with riser)



Shear blade FORM B





**Designed for
power and
precision.**

**Safe, efficient rail
adjustment in any
condition.**

**STRESSPOINTING
BEND**

ROBEND 22.28 SWITCH BLADE LINING DEVICE

ROBEND 22.38 HYDRAULIC RAIL BENDER

SPECIFICATIONS

- | Drive**
Two-stage hand pump
- | Operating Pressure**
Max. 700 bar
- | Compressive Force**
Max. 250 kN
- | Max. Travel**
6 in
- | Dimensions (L x W x H)**
36.5 x 5 x 19.5"
- | Weight**
189.5 lbs



SPECIFICATIONS

- | Compressive Force**
550 kN
- | Dimensions (L x W x H)**
34.5 x 29.5 x 9.5"
- | Weight**
163 lbs

BENEFITS

- |** Ideal for maintenance and repair work on switches
- |** Adjusts radius in the switch blade area
- |** Integrated roller for easy rail transport
- |** Uses biodegradable hydraulic oil

ACCESSORIES

8002228003 Pressure gauge mounting with guard

*Profile jaws are available upon request.

STRESSING PULLING BENDING

For bending switch rails.



BENEFITS

- |** Bends rails on the Y-axis
- |** Durable aluminum frame
- |** Interchangeable claws
- |** Claws designed for running rail
- |** Automatic piston return using spring force
- |** Supplied in a wooden box

For bending running rail, 3rd rail, and girder rail.

ACCESSORIES

8002238015 Claws for 3rd + Grooved Rails including Pressure Pad
8002238006 Grooved Rail Profile Blocks

- To prevent deformation of the grooves, two blocks are always required.

*Profile blocks for other gauges are available upon request.



ROGAUGE 21.06 GAUGE BAR

Used for adjusting or maintaining a specified gauge.



*Different applications are available upon request.

ROGAUGE ISO FLAT

- Insulated
- Suitable for slab track (concrete-rail spacing > 1.5 in) and ballasted track
- Compatible with most running rail
- Available with removable clamps

ROSHOE 24.08T RAIL PULLING SHOE

SPECIFICATIONS

- Dimensions (L x W x H)
18 x 8.5 x 11"
- Weight
86 lbs



BENEFITS

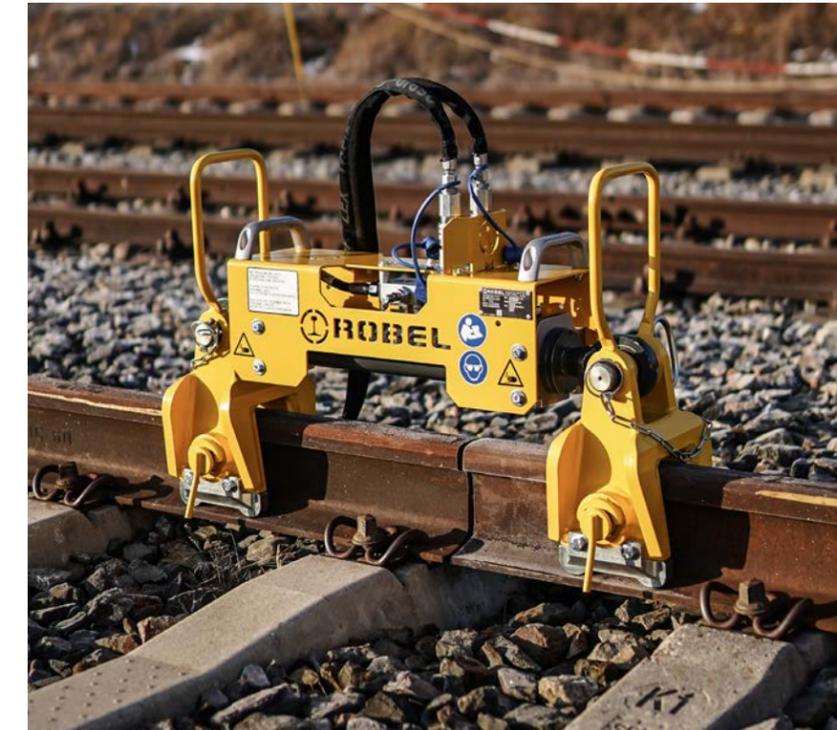
- Compatible with most running rail
- Works with both drilled and undrilled rail
- Prevents impressions or deformations of the rail

**Pulls rails
in ballast.**

ROPULL 24.12 MINI PULLER

BENEFITS

- Compact design
- Equipped with 1 double-acting hydraulic cylinder, carrying handle, and 2 clamping heads
- Can be powered by hand pump lever
- Can be powered by battery powered non-impact drill



Designed for pulling and pushing running rails.

ACCESSORIES

| | |
|------------|--|
| 8002412008 | Extension 3.5 ft (for pulling with gaps between 3 ft and 6.5 ft) |
| 8002412016 | Extension 2.5 ft (for pulling with gaps between 3 ft and 5.5 ft) |

4-Piece Spacer Jaw Sets

| | |
|------------|---------------|
| 8129900001 | 110RE |
| 8002412017 | 115RE + 119RE |
| 8002412018 | 132-155RE |



ROSTRESS 24.70 HYDRAULIC RAIL STRESSOR

SPECIFICATION

| | STANDARD | HOLLOW PISTON CYLINDER | 3RD RAIL |
|---|----------------------|------------------------|----------------------|
| Tensile Force | 700 kN | 700 kN | 700 kN |
| Compressive Force | 400 kN | | |
| Stroke | 15" | 8" | 15" |
| Dimensions (L x W x H) when Installed | 104.5 x 44 x 15" | 98.5 x 40 x 15" | 121 x 36.5 x 15" |
| Weight | | | |
| Heaviest Individual Component | 73 lbs | 73 lbs | 73 lbs |
| Hand Pump | 50.5 lbs | 50.5 lbs | 50.5 lbs |
| Dual hydraulic power pack 76.02 with 4 cycle engine. | 97 lbs | 97 lbs | 97 lbs |
| Dual hydraulic power pack 76.20 E3 with 800WH ROBEL battery | 84 lbs excl. battery | 84 lbs excl. battery | 84 lbs excl. battery |
| Battery 800wh | 14 lbs | 14 lbs | 14 lbs |

Hydraulic Power Packs Optionally with Hand Pump for Emergency Operation: +6.5 lbs



BENEFITS

- | Safe and easy operation
- | Modular design

HYDRAULIC POWER SUPPLY OPTIONS

- | Dual hydraulic power pack 76.02 with combustion engine
- | Dual hydraulic power pack 76.20 E3 with ROBEL battery

The modular concept for creating a neutral rail tension during welding and bracing work.

ROLAX 26.01 RAIL DE-STRESSING MACHINE

SPECIFICATIONS

- | 4-Cycle Engine
Honda GX 200
- 4.1 kW
- | Dimensions (L x W x H)
105 x 49 x 38"
- | Gauge
56.5"
- | Weight
551 lbs
- | Number of Strikes
Continuously adjustable,
45 – 60 strikes per rail



BENEFITS

- | Height-adjustable hammers
- | Continuously adjustable hammer strike count
- | LED work light
- | Safety kill-switch
- | Operates in both directions
- | Carrying handles and lifting lugs
- | Lockable guard in work area
- | Dead man's brake for safety

Remove stresses from the rail and establish its nominal length by striking the rail head on both sides.

ROHEAT 66.01 RAIL HEATER



BENEFITS

- | U.S. standard gas regulator
- | Divisible design for easy transport and improved ergonomics
- | Includes fire extinguisher
- | Dead man's brake for safety

SPECIFICATIONS

| Dimensions (L x W x H)

127 x 29 x 31.5"

| Dimensions Transport (L x W x H)

53.5 x 29 x 25" (Frame)

61.5 x 25 x 11.5" (Burner unit)

| Divisible

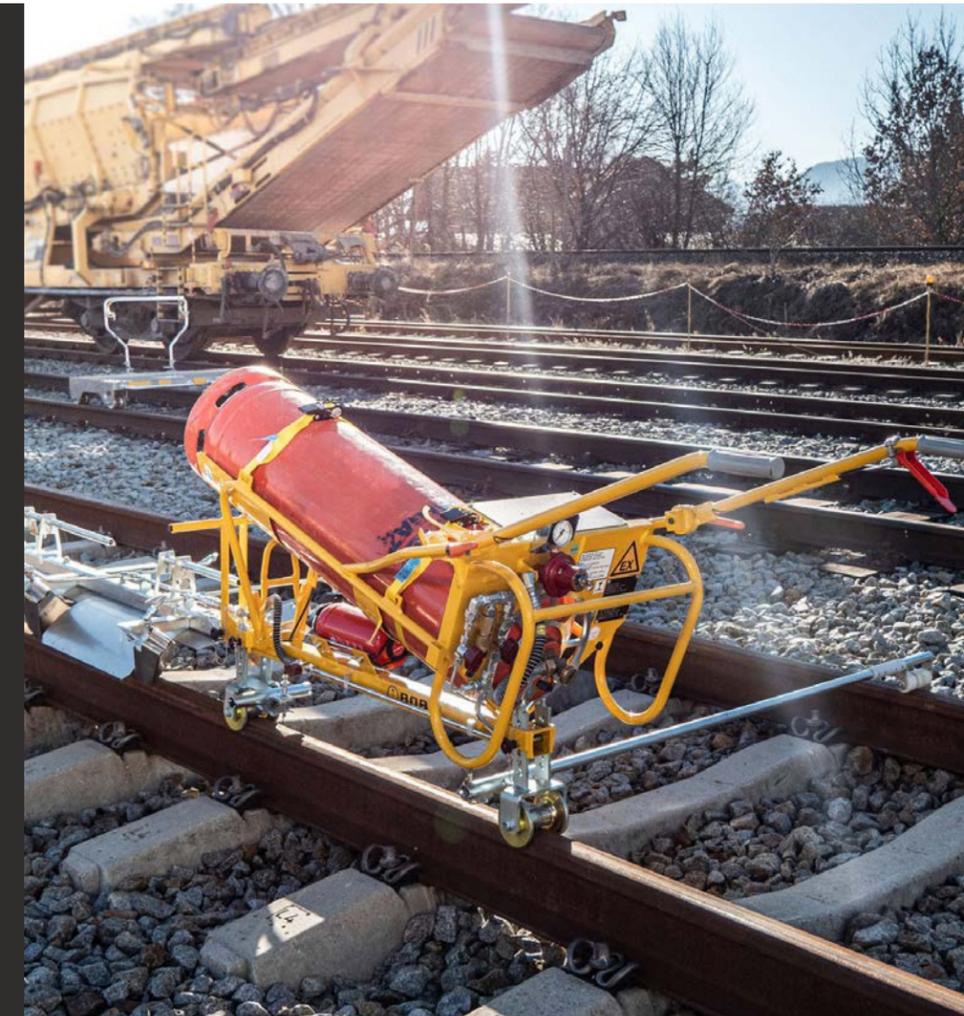
Frame and burner unit divisible

| Weight without Gas Cylinder

189.5 lbs

| Gas Cylinder

1 propane cylinder



Designed to create the nominal rail temperature before welding.

ROHEAT 66.01 ACCESSORIES

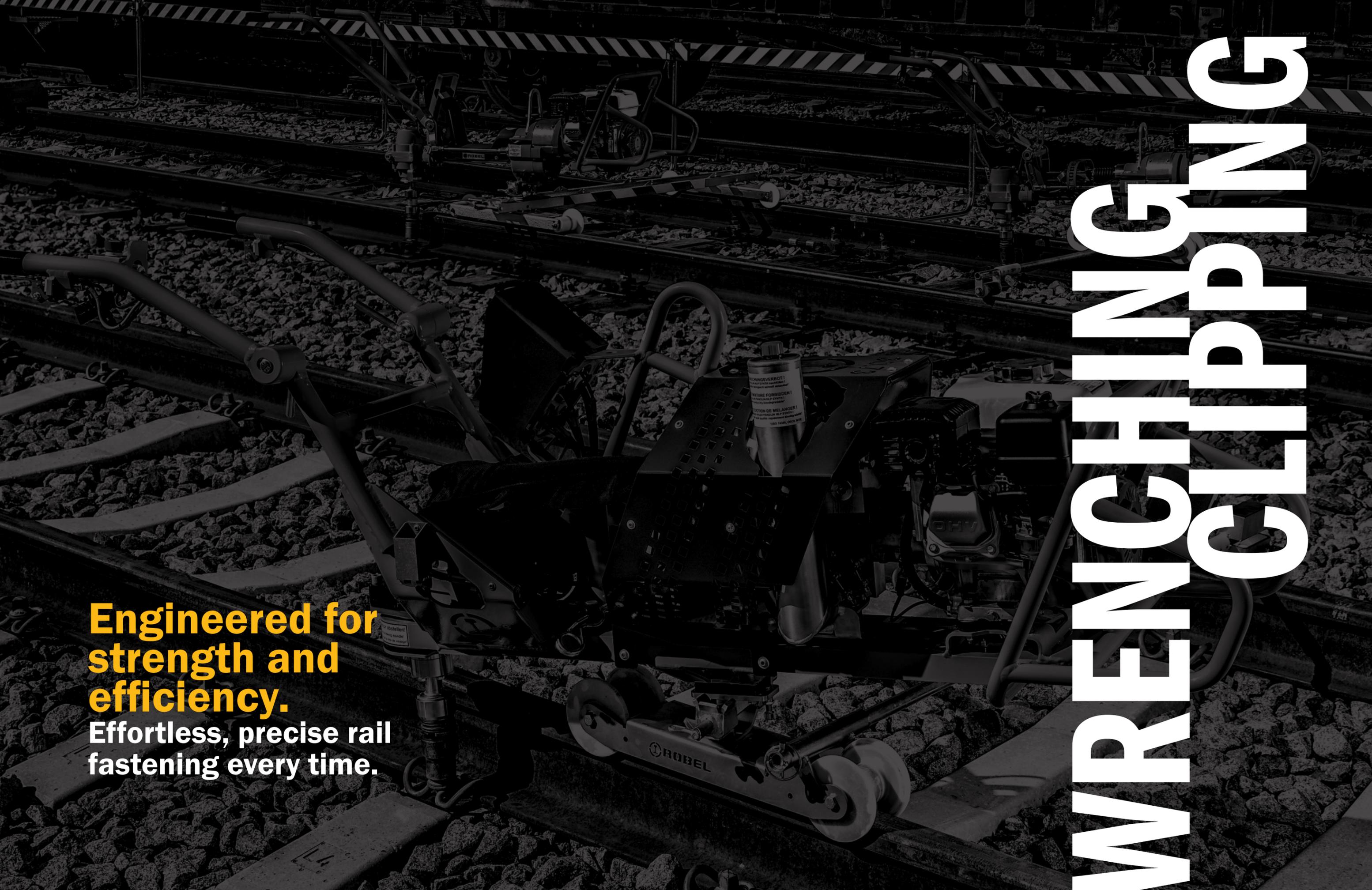
Connecting Bars to Connect Two Units

8668980004 Connecting Rods for Version 07

*Different gauges are available upon request.

Engineered for strength and efficiency.
Effortless, precise rail fastening every time.

WRENCHING



ROWRENCH 30.82HKS UNIVERSAL POWER WRENCH

BENEFITS

- | Electronic torque measurement at the screw spindle with folding, height-adjustable handles for ergonomic use
- | Torque gauge display
- | LED work light
- | Safety kill switch
- | Long service life due to ROBEL high-performance clutch



For tightening and loosening lag screws.

SPECIFICATIONS

| | | |
|------------------------|---------------------|---------------------|
| Drive | 4-cycle engine | 4-cycle engine |
| Type | Honda GX 200 | Honda GX 270 |
| Output | 4.3 kW at 3,600 rpm | 6.3 kW at 3,600 rpm |
| Dimensions (L x W x H) | 75 x 23.5 x 31.5" | 77 x 23.5 x 31.5" |
| Weight | 205 lbs | 231.5 lbs |

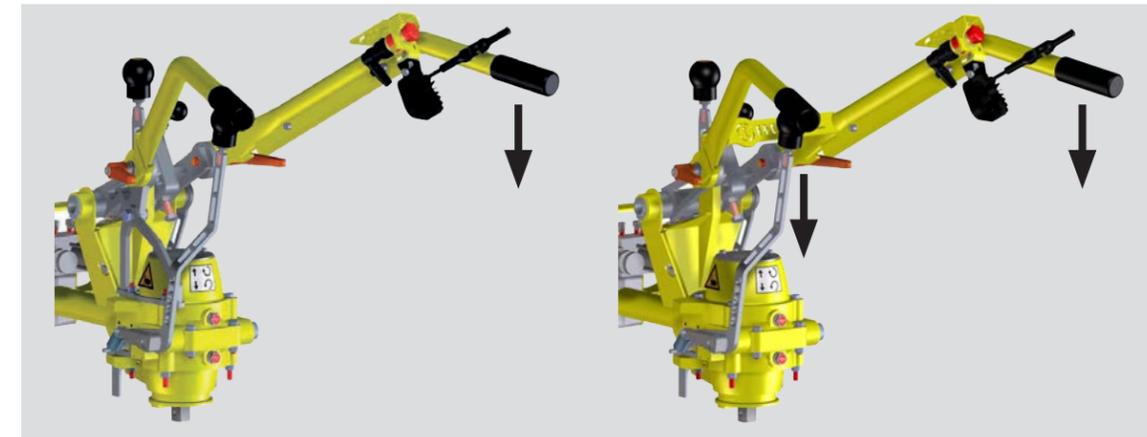
*Torque Specifications Upon Request

ROWRENCH 30.82HKS CONFIGURATIONS

1. Choice of Drives (see above)
2. Choice of Height-Adjustable Guide Handles (see previous page)

a. For Depressing on Right-Hand Side Only

b. For Depressing on Both Sides



ACCESSORIES

Fish Bolt Spanner (for joint bars) – 31.82

8003182001

Clip Bolt Removal Socket

8328950130 for K-Type Track

Travelling Gear with Rubber Wheels

8320820001 For Working in Areas with Slab Track

Cover

9000100065 Maximum Weather Protection

Torque Meter

8869900006 Torque Meter 86.12+ to Calibrate the Machine

7738960001 Universally Adjustable Transport Frame (30.73, 30.82RKS, 30.83, 34.01)

* Contact ROBEL for Custom Application Configurations

As standard, the ROWRENCH supplied in North America includes the 56.5" transverse gear and a 1" drive extension. For additional information or to discuss specific application configurations tailored to your needs, contact ROBEL today. Our team is here to help you find the perfect solution for your unique requirements.



ROBOLT 31.82 JOINT BAR ADAPTER

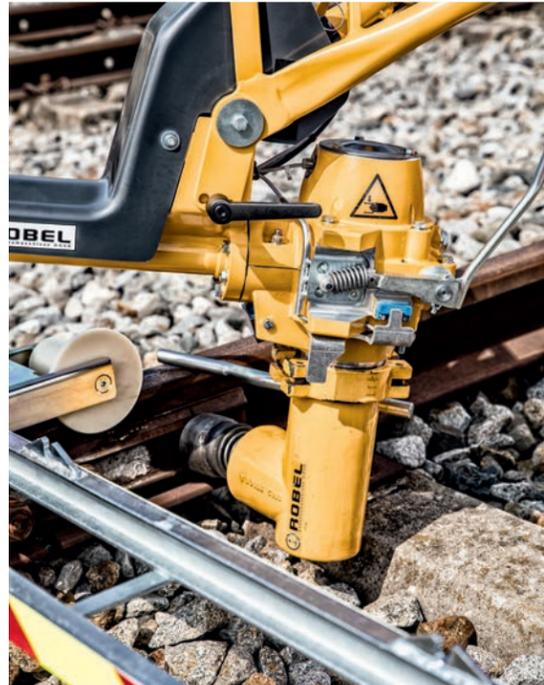
To release and fasten jointbar bolts.

BENEFITS

- In combination with the 30.82HKS, 30.82HKS E3
- Weight: 19.5 lbs

ACCESSORIES

| | |
|------------|-------------------------------|
| 8363580110 | 1" Drive Socket Adapter |
| 8003062065 | 1-21/32" Spring Loaded Socket |
| 8003062058 | 1-39/64" Spring Loaded Socket |
| 8003062052 | 1-17/32" Spring Loaded Socket |
| 8003062016 | 1-27/64" Spring Loaded Socket |



ROTOROUE+ 86.12 TORQUE METER

BENEFITS

- Sets and checks torque
- Fastening on track with clamping screw
- Independent of clearance gauge
- Measuring range 110.5 to 332 lb-ft
- 27.5 x 12 x 10"
- Weight is 54.5 lbs

To set and check the torque of power wrenches.



ROCLIP 34.01 CLIPPING MACHINE

SPECIFICATIONS

Drive
4-cycle engine

Type
Honda GX 200

Output
4.3 kW

Fastclip Type
FC

Weight
70 lbs

Dimensions (L x W x H)
77 x 24.5 x 4"



For inserting and extracting Fastclip clips, including tie lifting piston.

ACCESSORIES

Clipping Tools

Clip Extraction

8254220009V Extraction Tool - ALL

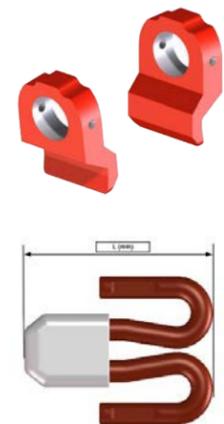
Clip Insertion

8254220007V Insertion for Wooden Ties

8254220011V Insertion for Clip Length of 125mm (concrete ties)

8254220012V Insertion for Clip Length of 135mm (concrete ties)

*The Fast Clip Machine is supplied as standard with the 56.5" transverse gear (North America). Other sizes and frames for different applications are available upon request.



ROCLIP 34.02 MODULAR CLIPPING MACHINE

SPECIFICATION BASE FRAME

Weight
117 lbs

Dimension in
Transport Position
(L x W x H)
53 x 24.5 x 42"

Dimension in
Working Position
(L x W x H)
71.5 x 24.5 x 25"



SPECIFICATION CLIP HEAD

| Head | E-Clip Head | FC-Clip Head |
|----------------------------|---------------------------|-----------------|
| Clip Type | e-Clip, PR-Clip, MkV Clip | FC-Clip |
| Insertion Force | 34.4 kN | 44.2 kN |
| Extraction Force | 34.4 kN | 33.2 kN |
| Tie Lifting Unit | no* | yes |
| Weight Incl. Clipping Tool | 228.5 lbs | 155 lbs |
| Dimension (L x W x H) | 28.5 x 19 x 13.5" | 17 x 25.5 x 27" |

*E-clip head does not require any additional tie lifting unit.

BENEFITS

- Modular design with base frame, clip head, drive unit, and transverse bogie
- Clip heads available for e-clips and Fastclips
- Fastclip head includes tie lifting unit
- Two drive unit options available
- Tools for e-clips, PR clips, MkV clips, and Fastclips
- Quick tool change for inserting and extracting
- Tool-free assembly and disassembly of modules
- Precise adjustment protects insulators
- Safety kill switch
- LED lighting

1 Machine for inserting and extracting Fastclip clips and e-clips.

ROCLIP 34.02 ACCESSORIES

E-Clip Tools

| | |
|------------|-----------------------------------|
| 8254220028 | Insertion Tool for Concrete Ties |
| 8254220029 | Extraction Tool for Concrete Ties |
| 8254220034 | Insertion Tool for Wooden Ties |
| 8254220035 | Extraction Tool for Wooden Ties |

PR-Clip Tools

| | |
|------------|-----------------|
| 8254220030 | Insertion Tool |
| 8254220031 | Extraction Tool |

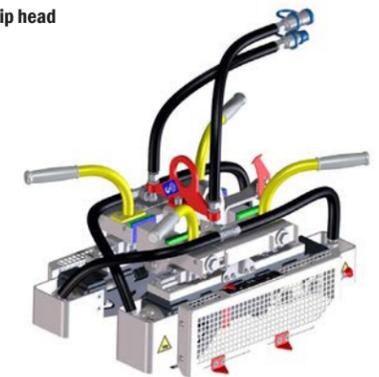
MKV-Clip Tools

| | |
|------------|-----------------|
| 8254220032 | Insertion Tool |
| 8254220033 | Extraction Tool |

FC-Clip Tools

| | |
|-------------|--|
| 8254220009V | Extraction Tool - ALL |
| 8254220007V | Insertion for Wooden Ties |
| 8254220011V | Insertion for Clip Length of 125mm (Concrete Ties) |
| 8254220012V | Insertion for Clip Length of 135mm (Concrete Ties) |

e-clip head



FC-clip head



SPECIFICATION DRIVE UNIT

| | | |
|-----------------------|---------------------|-------------------|
| Head | BLDC electric motor | 4-cycle engine |
| Type | 2300wh Battery | Honda GX 270 |
| Weight | 130 lbs | 184 lbs |
| Dimension (L x W x H) | 26 x 19 x 28" | 34.5 x 25.5 x 26" |

SPECIFICATION TRANSVERSE BOGIE

| | |
|-----------------------|-----------------|
| Weight | 106 lbs |
| Dimension (L x W x H) | 77 x 30 x 10.5" |
| Track Gauge | 56.5" |

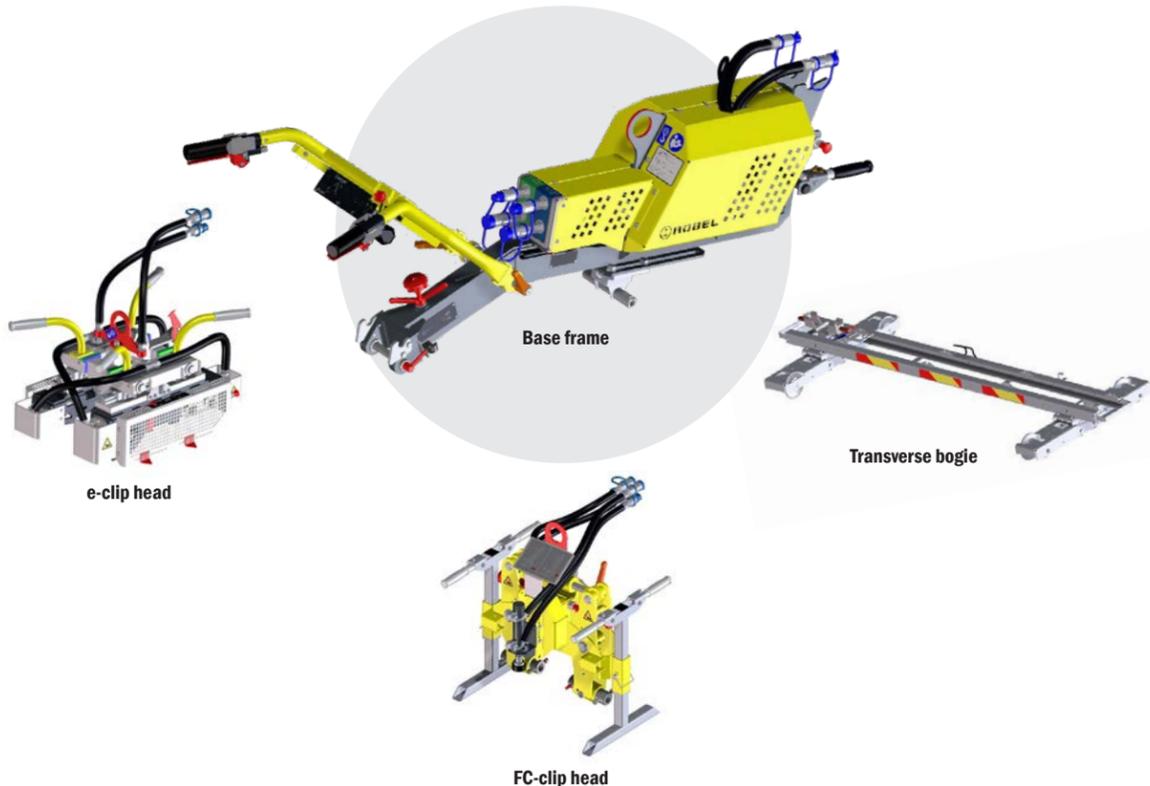
*Different gauges are available upon request.



BLDC drive unit E3



Honda GX 270 drive unit



e-clip head

Base frame

Transverse bogie

FC-clip head

MASTER 35[®] IMPACT WRENCH

1" DRIVE

Quick tightening and loosening of tie, switch, and joint bar, lags, and bolts.



BENEFITS

- | Dual handle design to reduce vibration
- | 1" drive standard impact wrench
- | Compact and lightweight, with 5 torque settings
- | Forward and reverse drive



AIRTEC
INTERNATIONAL LTD

ACCESSORIES

- Master 35[®] Tool Carrier
- Standard Gauge Version
- Broad Gauge Version
- Narrow Gauge Version

- | ROBEL North America is the east-region distributor for Airtec International Ltd.
- | Committed to supporting the legacy sales of the Master35 with stocked spare parts and accessories, as well as the full range of Airtec sockets

ROCLIP 34.90 LIFTING AND CLIPPING DEVICE

Insertion tool for manual insertion of FC, FCx, and FE clips.

SPECIFICATIONS

Length 3.5 ft
Weight 22 lbs

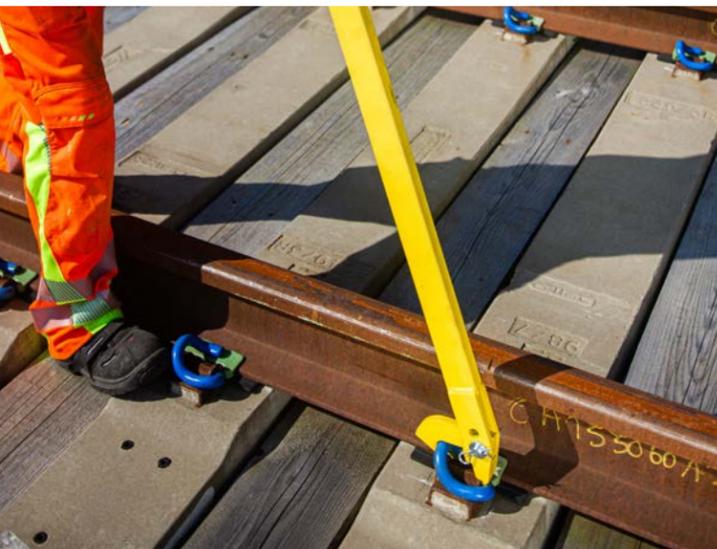


ROCLIP 34.90 LIFTING AND CLIPPING DEVICE

Tie lifting unit designed for the manual lifting of ties equipped with FC clips.

SPECIFICATIONS

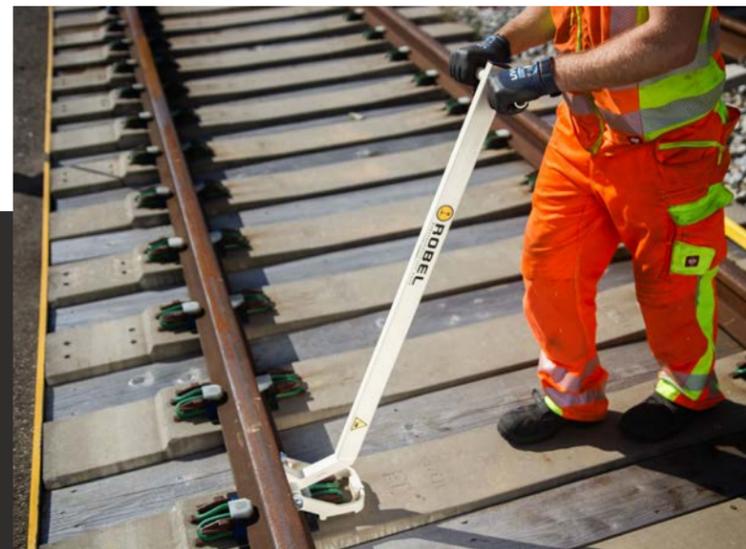
Length 3.5 ft
Weight 17.5 lbs



Insertion and extraction tool for manual insertion and extraction of e-clips.

SPECIFICATIONS

Length 3.5 ft
Weight 22 lbs



Extraction tool for manual extraction of FC, FCx, and FE clips.

SPECIFICATIONS

Length 3.5 ft
Weight 17.5 lbs

ROTOOL 35.02 JOINT BAR WRENCH

Ratchet spanner for loosening and tightening joint bar bolts.

SPECIFICATIONS

Length 2.5 ft
Weight 14 lbs
Drive 1" US Standard

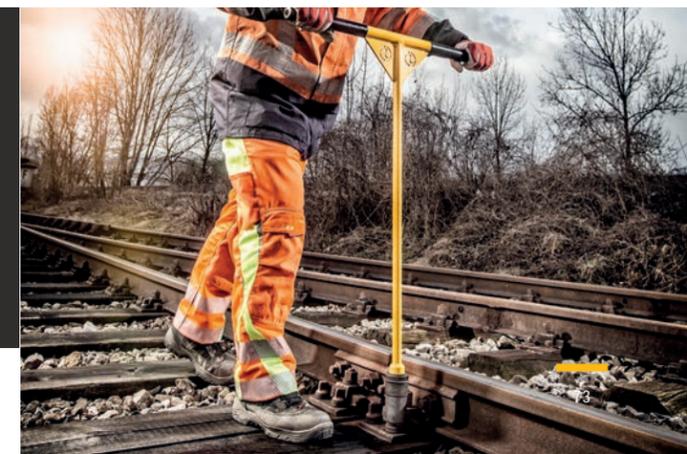


ROTOOL SOCKET 36.04 SOCKET T-WRENCH

Wrenching manually with ease.

SPECIFICATION ROTOOL SOCKET

Dimensions (H x W) 38.5 x 29.5"
Weight 13.5 lbs
Drive 1" US Standard



A black and white photograph of a worker operating a ROBEL 35 L rail maintenance machine on a railway track. The worker is wearing a jacket with 'ROBEL' on the back and is positioned on the left side of the machine. The machine is a complex piece of equipment with various levers, a steering wheel, and a large wheel at the front. The background shows a railway track with gravel and some trees in the distance.

**Robust, durable,
and versatile.**
Efficient lifting, loading,
and transporting for
seamless rail operations.

LIFTING LOADS TRANSPORTING

ROLIFT 40.05 RAIL LIFTING DEVICE

SPECIFICATIONS

Max. Carrying Capacity

1,653.5 lbs

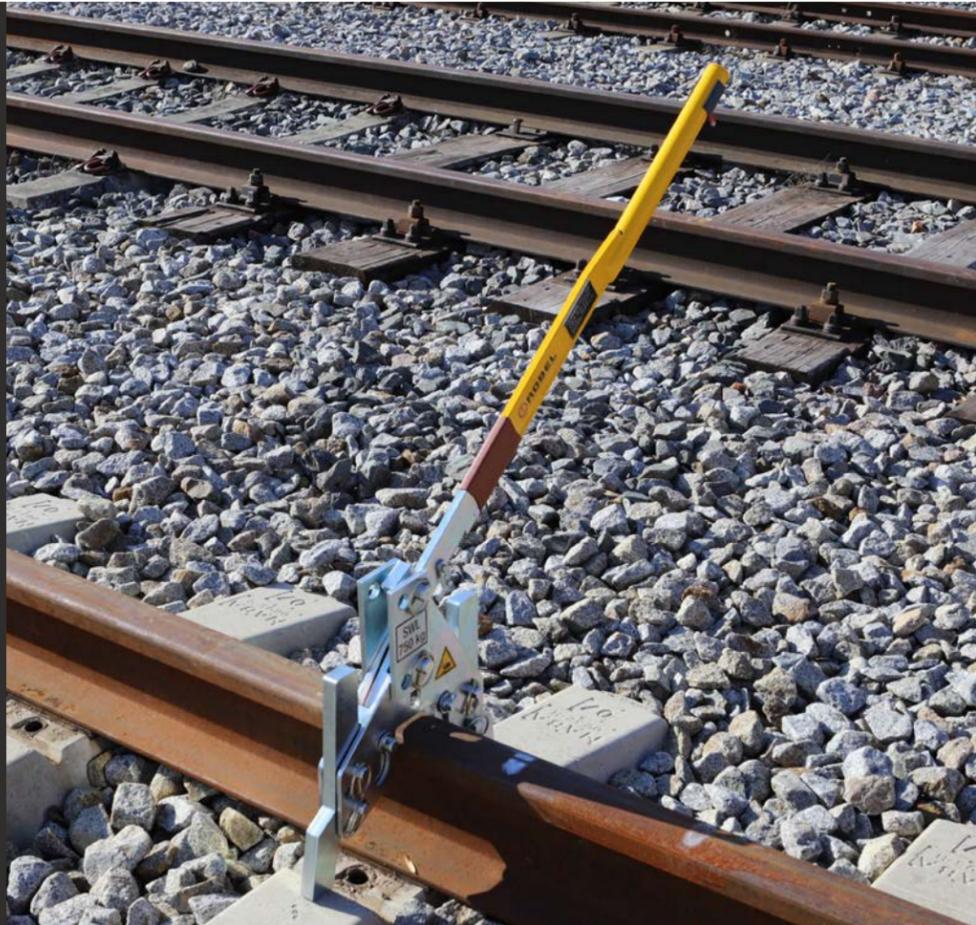
Dimensions

43 x 3 x 16"

Weight

32 lbs

*Different versions are available for different rail types upon request.



Designed for lifting and securing rails, as well as replacing rail pads and grooved base plates.

ROLOAD 40.51 RAIL LOADING AND TRANSPORTING UNIT

SPECIFICATIONS

Max. Permitted Carrying Capacity
22,046 lbs

Max. Vertical Travel of Cable Winch
3.5 ft

Max. Permitted Speed
12.5 mph

Dimensions (L x W x H)
Working Position
76 x 99 x 58"

Max. Carry Capacity per Traveling Crab/Cable Winch

For loading facility up to 3 ft from track center up to 2,204.5 lbs

For loading facility up to 4.5 ft from track center up to 1,102.5 lbs

Wheel Base
3.5 ft

Running Wheel Diameter
1 ft

Max. Loaded Capacities
12 rails up to max. 45.5 lb/ft on two levels

Max. Rail Lengths
2 rail loading/transporting units: Max 46 ft long
3 rail loading/transporting units: Max 65.5 ft long
4 rail loading/transporting units: Max 85 ft long

Transport Position
102.5 x 69 x 58"

Weight
3,527.5 lbs

Gauge
56.5"

*Different track gauges are available upon request.

BENEFITS

- Transport rails by combining up to four units with draw bars
- Navigates curve radii up to 164 ft
- Maximum parking gradient with brake: 8%
- Parking brake engages all four wheels
- Pivot plate with push-fit uprights, swivels approx. +/- 16°
- Compatible with trailer couplings and connecting rods on both sides

ROLOAD 40.51 ACCESSORIES

Connecting Rods

| | |
|------------|--------------------------------|
| 8820032000 | Connecting Distance is 18.5 ft |
| 8820032100 | Connecting Distance is 15 ft |

Tow Bars for Connecting the Rail Loading and Transporting Unit to the Traction Vehicle

| | |
|------------|--|
| 5011850001 | Straight 5 ft long |
| 4511850180 | Cropped, Separable Standard Draw Hook 17.5 ft long |

*Different connecting rod lengths are available upon request.



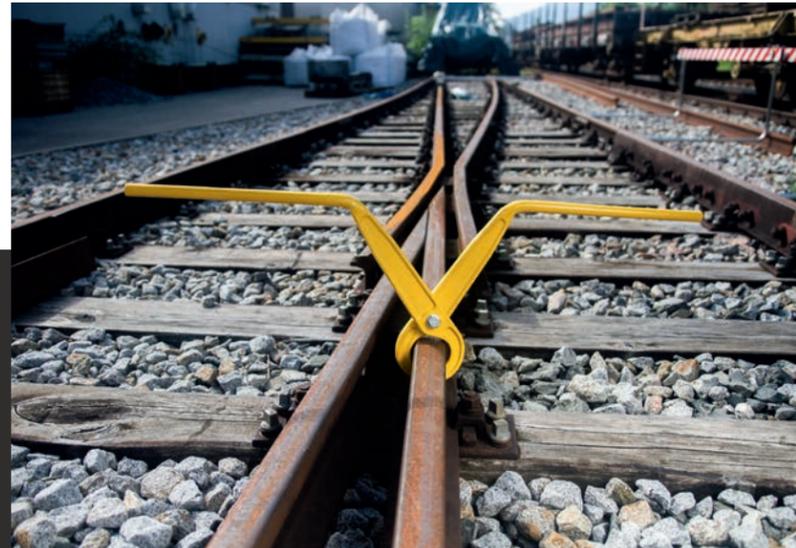
Safe transport on four-wheeled chassis with rail loader and trolley.

HONOR THE PAST. FORGE THE FUTURE.



ROCARRY 42.02 RAIL CARRYING TONGS

For carrying and lifting rails.



SPECIFICATIONS

- Dimensions (L x W x H)
41.5 x 3 x 16"
- Weight
16.5 lbs

ROCARRY 42.22 RAIL CARRYING TONGS WITH SUSPENSION EYE

SPECIFICATIONS

- Max. Carrying Capacity
6,700 lbs
- Dimensions (L x W x H)
5 x 5 x 16"
- Weight
24 lbs

*Different versions are available for different rail types upon request.



ROCARRY 42.10 RAIL CARRYING ROLLER TONGS

For lifting and unloading rails.



SPECIFICATIONS

- Max. Carrying Capacity
6,614 lbs
- Suitable For
Running rail
- Dimensions (L x W x H)
10.5 x 8.5 x 12"
- Weight
54.5 lbs
- Rollers
6 rollers

BENEFITS

- Self-clamping
- Ideal for CWR

For lifting and transporting rails.

BENEFITS

- Suspension eye with crane hook and locking device
- Rugged design with 3 lifting claws
- Automatically opens when touching the rail head

ROMOVE 43.02 RAIL MOVER

SPECIFICATIONS

Max. Carrying Capacity

3,307 lbs

Vertical Travel

2.5 ft

Running Distance of Travelling Crab

6 ft

Support Width

7.5 ft

Max. Head Width of Rail

3"

Max. Head Height of Rail

2"

Weight

231.5 lbs



FOR LIFTING RAILS AND MOVING RAILS LONGITUDINALLY AND Laterally.

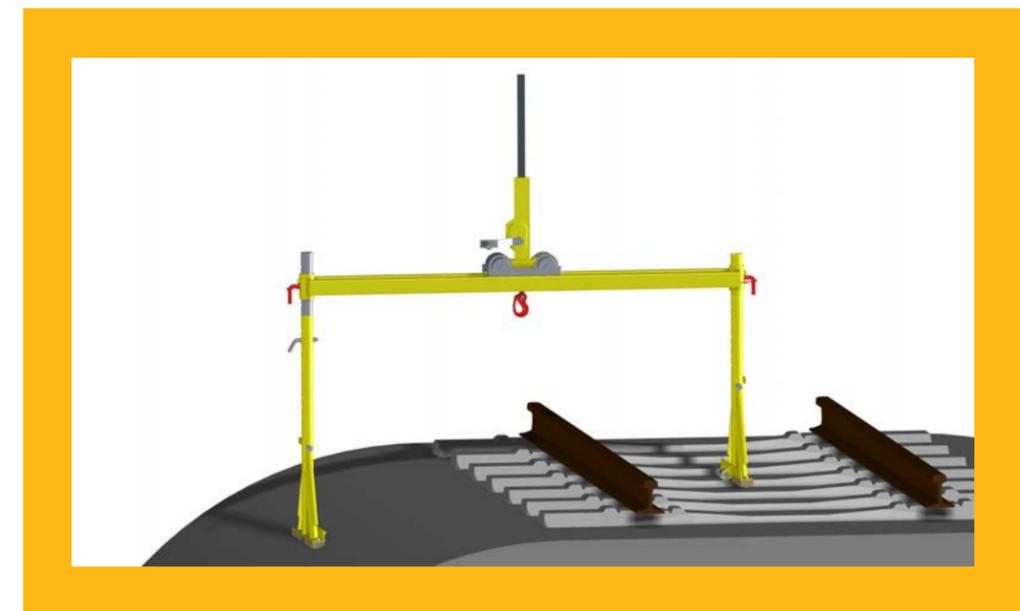
- Consists of 2 supports, 1 cross beam, 1 travelling crab, and 1 pair of roller carrying tongs Operating button on handle for safe operation Lightweight, compact battery operated rail drill



ROMOVE 43.02 ACCESSORIES

| | |
|------------|----------------------------------|
| 8379910001 | Extension, 1 ft, for Embankments |
| 8378050300 | Long Cross Beam 12 ft |

**For lifting rails and moving rails
longitudinally and laterally.**



ROTHREAD 43.32 RAIL THREADER

SPECIFICATIONS

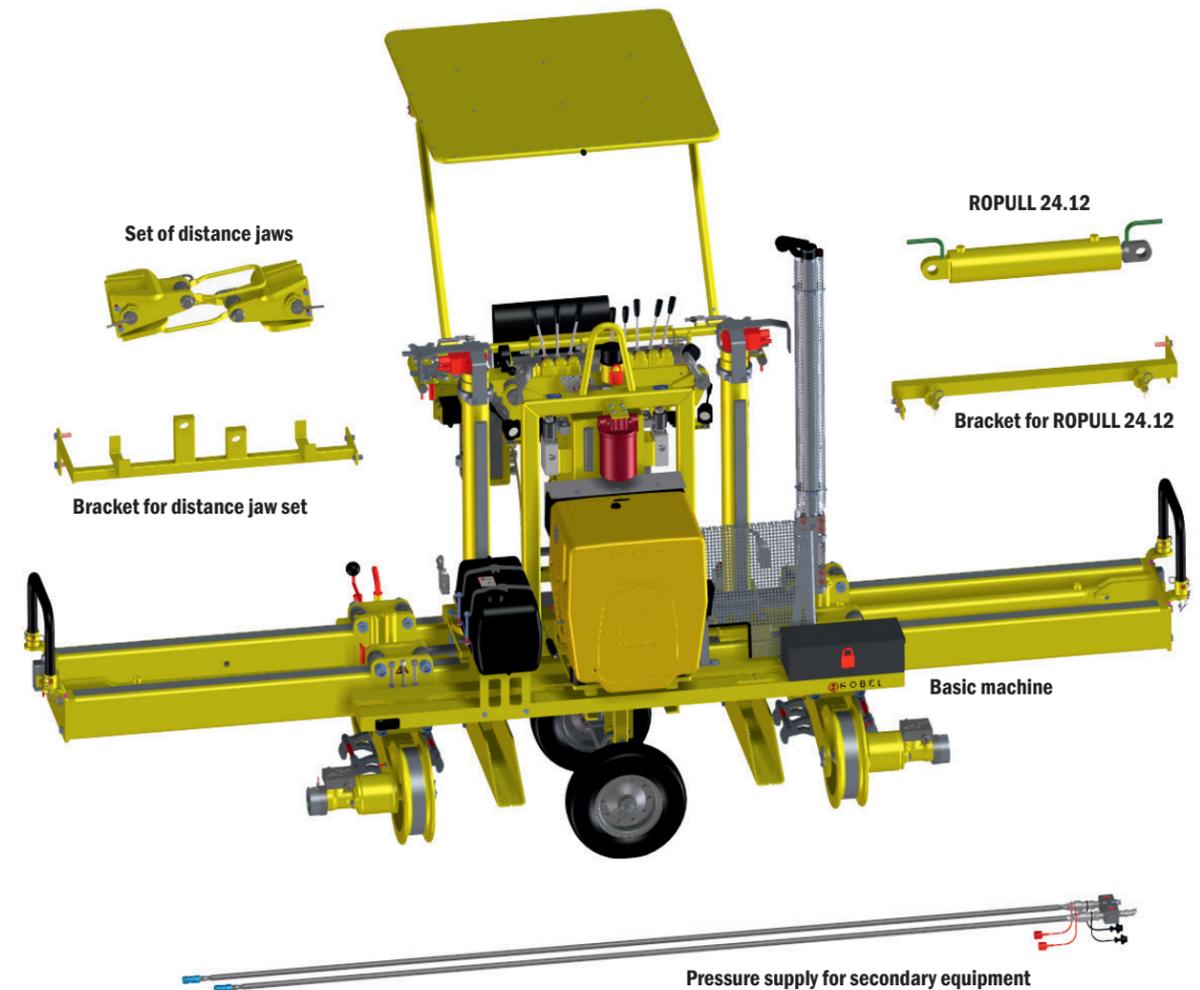
| | | | |
|---|--|--|---|
| Drive Air-cooled 4-cycle diesel engine | Hydraulic System Operating Pressure 50/160 bar | Track Gauge 2.5 – 11.5 ft | Gradient 25% |
| Type HATZ 1 D81 “Silent Pac”, specially soundproofed design | Max. Vertical Travel 2.5 ft | Wheel Base 2.5 ft | Dimensions (L x W x H) 68.5 x 157.5 x 79.5” |
| Output 7.2 kW | Outward Expansion Force 30 kN | Wheel Diameter Double Wheel Flanges 1 ft | Weight 3,527.5 lbs |
| Max. Lifting Capacity 13,228 lbs | Inward Expansion Force 15 kN | Max. Traveling Speed 8 mph | |



For continuous gradual repositioning of rails to the desired track gauge.

BENEFITS

- | High-performance rail mover
- | Roof for weather protection
- | LED working light
- | Slewing capability
- | Automatic track gauge adjustment during travel
- | Auxiliary rubber wheels for turning and navigating level crossings
- | Self-propelled or towable



ROTOOL 44.17 WOODEN TIE CARRYING TONGS

SPECIFICATIONS

- | Tie Width
6 - 10"
- | Dimensions (L x W x H)
39.5 x 2.5 x 18"
- | Weight
12 lbs



For lifting ties manually.

ROTOOL 44.18 TIE PULLER

SPECIFICATION ROTOOL SOCKET

- | Dimensions (H x W)
35.5 x 1.5 x 16"
- | Weight
8 lbs



For moving ties manually.

ROTOOL 44.20 CONCRETE TIE CARRYING TONGS

SPECIFICATIONS

- | Width
11"
- | Height
8"
- | Dimensions (L x W x H)
41.5 x 4 x 25"
- | Weight
22 lbs



For moving ties manually.

ROCARRY 25.16 RAIL CARRYING ROLLER

SPECIFICATIONS

- | Dimensions (L x W x H)
10 x 5 x 4.5"
- | Weight
16 lbs



For moving long-welded rails.

ROJACK 46.43 / 46.45 / 46.47 / 46.50 TRACK JACK WITH SAFETY CRANK HANDLE

Safety crank handle with load pressure brake and folding handle.



| SPECIFICATION | 46.43 | 46.45 | 46.47 | 46.50 |
|------------------------|------------------|----------------|--------------------|---------------|
| Max. Lifting Capacity | 6,600 lbs | 11,000 lbs | 17,000 lbs | 22,000 lbs |
| Max. Lifting Height | 14" | 12" | 12" | 12" |
| Excavation Height | 2.5" | 2.5" | 2.5" | 3" |
| Dimensions (L x W x H) | 11.5 x 8.5 x 28" | 11.5 x 9 x 28" | 11.5 x 9.0 x 28.5" | 13 x 11 x 31" |
| Weight | 54 lbs | 65 lbs | 75 lbs | 101.5 lbs |

ROJACK 47.14 MECHANICAL TRACK JACK WITH SLEW

SPECIFICATIONS

| | | | | | |
|-----------------------|------------|-------------------|--------|--------------------------------------|----------------|
| Max. Lifting Capacity | 16,534 lbs | Excavation Height | 3" | Dimensions (L x W x H) Without Lever | 20.5 x 8 x 10" |
| Max. Lifting Height | 6" | Weight | 34 lbs | | |



For precise lifting of rail.

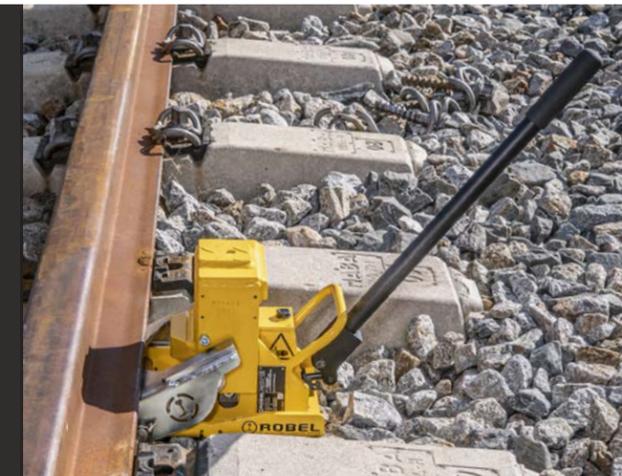
ACCESSORIES

| | |
|------------|------------------------|
| 8917513301 | Crank Wrench |
| 9804714001 | T-Handle Socket Wrench |
| 8917513203 | Adapter |

ROJACK 47.17 HYDRAULIC TRACK JACK WITH SLEW

SPECIFICATIONS

| | | | | | |
|-----------------------|------------|-------------------|--------|--------------------------------------|---------------|
| Max. Lifting Capacity | 14,330 lbs | Excavation Height | 3" | Dimensions (L x W x H) Without Lever | 14.5 x 9 x 7" |
| Max. Lifting Height | 3" | Weight | 44 lbs | | |



ROALIGN 47.230 HYDRAULIC TRACK LIFTING MACHINE WITH SLEWING DEVICE

For lifting and lining tracks or entire track panels with radio remote control.

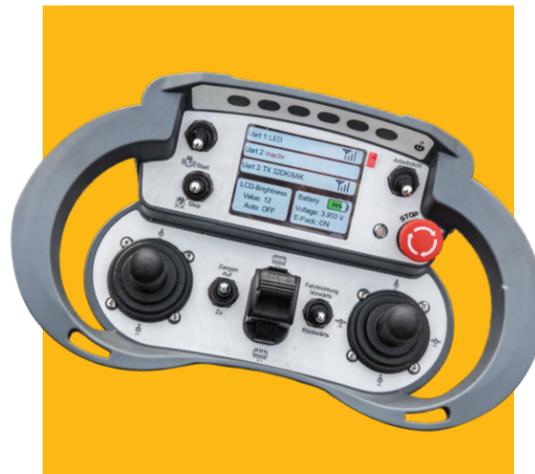
SPECIFICATION VERSION 35

| | | | |
|---|---|--|--|
| <p>Engine</p> <p>One-cylinder 4-cycle diesel engine HATZ 1D81-C</p> <p>Special sound-insulated design "Silent Pac"</p> | <p>Performance</p> <p>Lifting Capacity: 200 kN</p> <p>Lifting Height: Adjustable to 2.5 ft</p> <p>Slewing Force: 42.5 kN</p> <p>Slewing Range: Adjustable to 10"</p> | <p>Travel Speed</p> <p>Travel Transfer: Up to 9.5 mph</p> <p>Working Mode (via Remote Control): Up to 3 mph</p> | <p>Dimensions (L x W x H)</p> <p>79 x 114 x 67"</p> <p>Weight</p> <p>5,291 lbs</p> |
| <p>Gauge</p> <p>56.5"</p> | | | |



BENEFITS

- High lifting capacity, height, and slewing force
- Precise lifting height adjustment via proportional control
- Transfer travel up to 9.5 mph; 3 mph in working mode with radio remote control
- Exchangeable rail clamps for different rail types
- Remote control operates via radio or cable
- LED illumination of the entire working area
- Audible and visual warning signals
- Dead man's control for transfer and working modes
- Optional red/white signal lighting
- Cylinder position monitoring with sensors
- Emergency operation with hydraulic hand pump; tow bar available
- Built to EN 15955 standards
- Exhaust fumes routed downward (track bed)
- Suitable for lifting and aligning ballasted and non-ballasted track panels (during tamping)
- Lifts rails for rail pad replacement
- Ideal for lifting work in switch areas



ROLLY 50.17 SUPPORT TROLLEY WITH LIFTING DEVICE FOR ROBEL TIE DRILLS

SPECIFICATIONS

| | |
|--|---------------|
| Weight | 55 lbs |
| Dimensions (L x W x H) | 37 x 66 x 33" |
| Adjustable to fit multiple different track gauges | |



BENEFITS

- Dead Man's Break
- Divisible
- Compatible for working in switches

ROLLY 52.16 TRANSPORTING DEVICE

Transports long-welded rails, track construction equipment, tools, and track components.



OPTIONS

- | With or without parking brake on all 4 wheels
- | With or without uprights
- | Available for different track gauges
- | With or without pivot plate
- | With or without connection rod
- | With or without trailer tow couplings



ROTOW 52.18 TOWING DEVICE

SPECIFICATIONS

| | | | |
|---|---|--|---|
| Gauge 56.5" | Pivoting Range of On-Tracking Bridge (Pivot Plate) +/-5° | Max. Carrying Capacity 66,139 lbs | Height of Running Wheel Above Top of Rail (Rail Vehicle) .5 - 3.5" |
| Rail Vehicles to Be Towed with Running Wheel Diameter 2 - 4 ft | Towing Speed 25 mph | Modular Design, Individual Component Max. 156.5 lbs | Dimensions (L x W x H) 70.5 x 77 x 13" |
| Wheel Base 4.5 ft | Total Weight 1,389 lbs | | |



For recovering and transporting rail vehicles with defective wheels or wheel sets.

ACCESSORIES

*On-tracking bridges are available upon request.

ROLLY 52.30 TRACK TROLLEY

SPECIFICATIONS

Max. Carrying Capacity

2 t

Dimensions (L x W x H)

63 x 74.5 x 35"

Weight Without Dead Man's Brake

238 lbs

Weight with Dead Man's Brake

267 lbs



BENEFITS

- Lightweight metal construction
- Easily disassembled into 5 parts (no tools required)
- Heaviest component weighs 75 lbs
- Simple assembly and disassembly
- Ball bearing aluminum wheels
- Insulated between rails
- Optional dead man's brake on 2 wheels
- Available for various track gauges

For transporting track construction equipment, tools, and materials.

ROLLY 51.12 LIGHT TRACK TROLLEY

SPECIFICATIONS

Max. Carrying Capacity

0.8 t

Dimensions (L x W x H)

63 x 31.5" x 35"



BENEFITS

- Light, robust transport trolley with a perforated platform
- Fully customizable to fit your railway needs

Please get in touch with your ROBEL contact about the appropriate and required accessories for your track trolley

ROCOUPLE 58.03 TOW BARS

ROCOUPLE 58.03

- Length 5 ft
- Max. permitted traction force = 100 kN
- Max. permitted thrust force = 100 kN $\Delta h = \pm 6"$



ROCOUPLE 58.03

- Length 5 ft
- Max. permitted traction force = 100 kN
- Max. permitted thrust force = 100 kN $\Delta h = \pm 3"$



ROCOUPLE 58.62 TOW BARS

ROCOUPLE 58.62

- Length 4 ft
- Max. permitted traction force = 50 kN
- Max. permitted thrust force = 30 kN $\Delta h = 13", \pm 3"$



ROCOUPLE 58.62

- Length 1250 mm
- Max. permitted traction force = 50 kN
- Max. permitted thrust force = 30 kN $\Delta h = \pm 4"$



ROMOVER 59.08 WAGON MOVER

SPECIFICATIONS

Dimensions (L x W x H)

98.5 x 7.5 x 5.5"

Weight

26.5 lbs



ROCHOCK 59.09 WHEEL CHOCK

PRESS-ON WHEEL CHOCK

*Different versions are available upon request.

WHEEL CHOCK L130

*Different versions are available upon request.

WHEEL CHOCK L134

*Different versions are available upon request.



ROSTOP 59.10 DRAG SHOE



*Different versions are available upon request.

RODERAIL 59.11 DOUBLE DRAG SHOE



*Different versions are available upon request.

RODERAIL 59.12 DOUBLE-SIDED RERAILING



BENEFITS

- Designed for use in pairs on standard railways with heavy wagon fleets
- Sturdy ramp provides access to rails from both sides

ROCLAMP 68.05 RAIL CLAMP



For a positive and secure connection of two rail ends without the need of drilling bolt holes. At insulated joints, fractured rails and detected rail defects, from prevention to repair. Used worldwide.

VARIOUS POSSIBILITIES OF USE

- Different versions for various rail types
- Can also be deployed for thermite welding with the use of cropped joint bars
- Can also be used on slab track

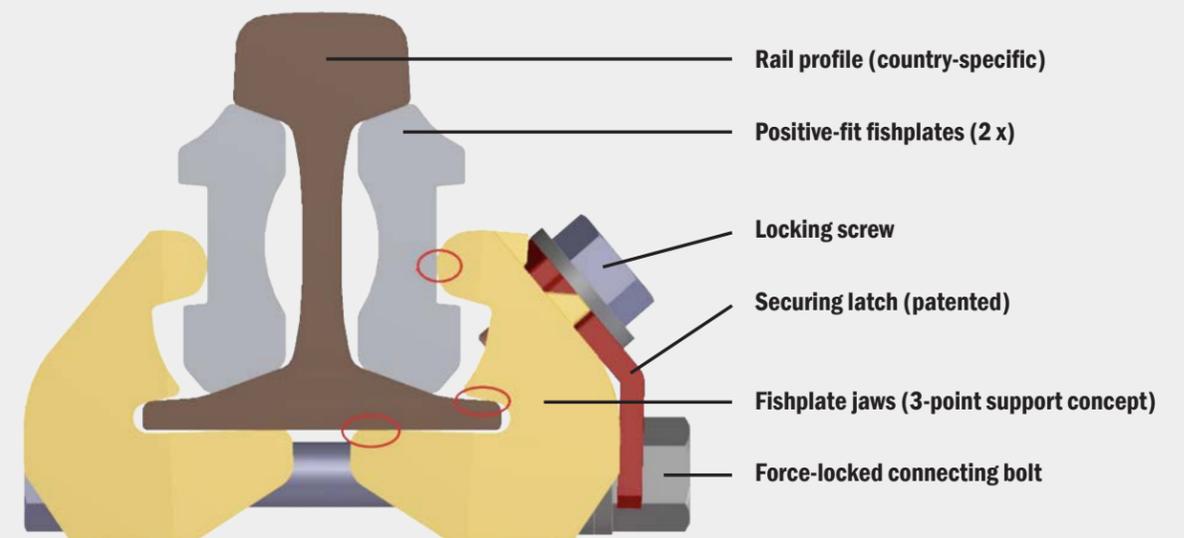
SAFE & USER-FRIENDLY

- Patented safety latch

COST EFFECTIVENESS

- Track remains open for traffic thanks to quick installation
- Long service life at reduced inspection intervals and low maintenance effort
- High passing speed

SCHEMATIC DIAGRAM OF INSTALLED RAIL CLAMPS:



For a detailed quote tailored to your needs, please contact ROBEL North America directly.

**Built for tough
tasks and
precision.**

**Versatile equipment
tools to tackle every rail
maintenance challenge.**

EQUIPMENT TOOLS

ROTOOL TILT 68.03 RAIL TILTING DEVICE



ROTOOL PUNCH 69.01 SPIKE MAUL



*Replacement handle available upon request

ROTOOL CROW 69.02 PINCH BAR AND CLAW BAR



VERSIONS

| | |
|------------|--|
| 9002500087 | Railroad Claw Bar with spike pulling notch and point, length is 4 ft |
| 9002500088 | Point Lining Bar with cutting edge and point, length is 4.5 ft |
| 9806902001 | Point Lining Bar with ball and point, length is 6 ft |

ROTOOL HAMMER 69.03 DE-STRESSING HAMMER



VERSIONS

| | |
|------------|---|
| 9002500089 | De-Stressing Hammer Ø 4", from 11.5 lbs |
| 9002500112 | De-Stressing Hammer Ø 5", from 16 lbs |

*Replacement handle available upon request

ROTOOL PICK 69.05 TAMPING PICK



*Replacement handle available upon request

ROTOOL SLEDGE 69.06 SLEDGEHAMMER



VERSIONS

| | |
|------------|---------------------|
| 9002501193 | Sledgehammer 12 lbs |
| 9002501194 | Sledgehammer 14 lbs |
| 9002501195 | Sledgehammer 20 lbs |

ROTOOL FORK 69.07 BALLAST FORK



ROTOOL ADZE 69.11 ADZE



ROTOOL CHISEL 69.12 COLD CHISEL



VERSIONS

| | |
|------------|---|
| 9002500103 | Cold chisel with wood handle, length is 23.5", from 4 lbs |
| 9002500168 | Cold chisel with fiberglass handle, length is 23.5", from 3.5 lbs |

ROTOOL EJECT 69.16 CLIP BOLT EJECTING DEVICE



ROTOOL EXTRACT 69.18 EXTRACTION SOCKET



VERSIONS

| | |
|-------------|---|
| 98338950101 | Extraction socket for wooden tie bolts – short (4.5") |
| 8338950180 | Extraction socket for wooden tie bolts – long (6") |

ROLIFT 69.20 TIE LIFTING DEVICE



For lifting lower ties during track installation.
I K-Type or W-Type Plate

TORQUE WRENCH



VERSIONS

| | |
|------------|-------------------------------|
| 9002501218 | Torque range 37 – 236 lb-ft |
| 9002501790 | Torque range 96 – 479.5 lb-ft |
| 9002501248 | Torque range 295 – 738 lb-ft |



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