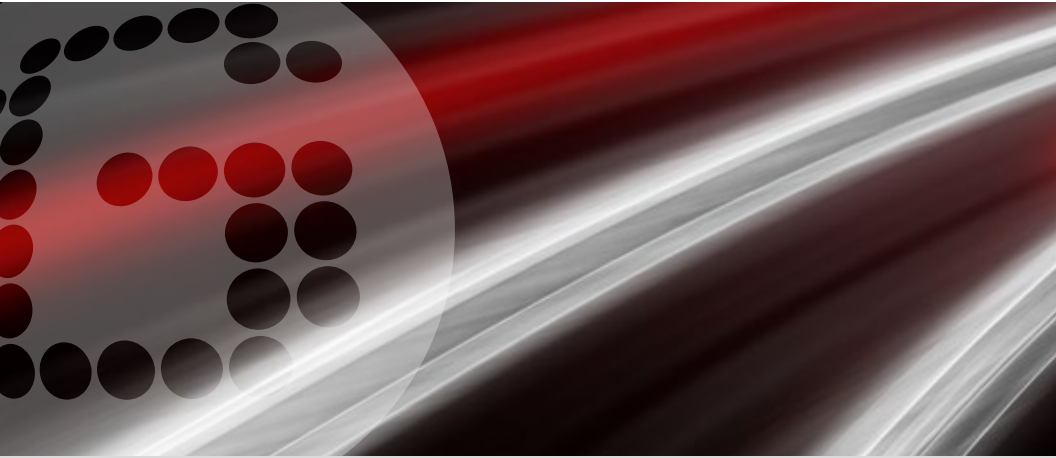


///PortaCo



RAILROAD TOOLS



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SAFE **ERGONOMIC** **EFFICIENT** RELIABLE

HYDRAULIC POWER UNITS AND TOOLS FROM THE EXPERTS

PortaCo is one of the leading producers of hydraulic power units for a number of industries as well as hydraulic tools and machines used in railway track construction and maintenance. Over 35 years of experience and expertise in the area of hydraulics characterize our Company. A history of over 25,000 Power Units and 20,000 Railroad Tools demonstrate this exceptional performance to serve our customers.

PortaCo offers its worldwide customers a vast variety of standard proven high quality products, made in America. Our products can be specifically customized to its customers' needs and are specifically characterized by their safe, ergonomic, reliable and efficient design. The ergonomic design helps to minimize the impact on the worker. The reliability assures that it will support any workforce whenever needed.

Our memberships:



MEMBER OF  **GOLDSCHMIDT**
THERMIT GROUP



THE BENEFITS OF HYDRAULICS

- » The power to weight ratio of hydraulic tools is unbeatable
- » Hydraulic power units can power many different tools
- » Closed system with minimal wear and few parts that need to be renewed
- » The tools are user-friendly with less vibration than many other tools on the market
- » Quieter than air compressors
- » More efficient in cold weather conditions, compared with air compressors
- » Use in difficult environmental conditions
- » Versatility and long operative life of tools
- » Transportability and economy of tools and accessories
- » Greater safety: hydraulics is implicitly free of electric shock hazards
- » Minimal transport costs
- » Less downtime costs
- » Low investment costs

PROFILE GRINDER**GP-10-29-O****HYDRAULIC, 10 GPM / 40 LPM****HTMA TYPE RR****PRECISE AND USER-FRIENDLY REPROFILING OF RAILS**

The profile grinder allows the precise and user-friendly re-profiling of rail heads and rail joints after rail joining and repair welding on rail surfaces and edges. The profile grinder is a proven machine suitable for all types of rail.

| Feature | Function | Benefit |
|-------------------------------------------------|--------------------------------------------------|----------------------------------------|
| Convenient handle with trigger on/off operation | Automatically stops tool operation when released | Increased operational safety |
| Durable steel frame construction | Long Life | Less downtime |
| All encompassing spark guard | Considerably reduces the number of sparks | Optimum protection for personal safety |
| Over-speed valve | Protects motor and grindstone from excessive RPM | Extended motor and grindstone life |

| Specifications | Accessories | POWER UNITS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------|
| Max. flow: 10 GPM / 40 lpm Max. pressure: 2000 PSI / 140 bar Weight: 95 lb / 43 kg Dimensions (LxWxH): 45.5 x 16 x 35 inch / 1156 x 406 x 889 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Replacement Grinding Stone » Stone Removal Wrench » Hose Set | D-23, E-15, G-18, G-21, G-23, G-31 |



WEB GRINDER

GW-10-89-O



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

ERGONOMIC AND SOPHISTICATED GRINDING OF THE RAIL WEB

The hydraulic web grinder is designed for grinding the web of the rail after the welding process. It is also suitable for cleaning the side of the rail for preparation of rail joining. The tool has an ergonomic design and a sophisticated operating concept.

| Feature | Function | Benefit |
|-----------------------------------------------------|-------------------------------------|--------------------------------------------------|
| Adjustable handle for comfortable and ergonomic use | For operation at the desired height | For high comfort and ergonomics (less back pain) |
| Roller bearings for movement along the rail | For smooth movement along the rail | Ease of use and precise operation |

Specifications

Max. flow: 10 GPM / 40 lpm
 Max. pressure: 2000 PSI / 140 bar
 Weight: 34 lb / 15 kg
 Dimensions (LxWxH): 47 x 29 x 27-38 inch /
 1194 x 737 x 686-965 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

- » Replacement Grinding Stone
- » Stone Removal Wrench
- » Hose Set

POWER UNITS

D-23, E-15, G-18,
 G-21, G-23, G-31



STRAIGHT HAND GRINDER

GH-10-28-O



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

ERGONOMIC AND SAFE GRINDING FOR SURFACE PREPARATION

The hand grinder is a general purpose grinder used for top, face and side grinding as well as surface preparation or rail end finishing.

| Feature | Function | Benefit |
|--------------------------|---------------------------------------------------------------|------------------------------|
| Encompassing spark guard | Considerably reduces the number of sparks | For optimum protection |
| Ergonomic handle | Trigger that automatically stops tool operation when released | Increased operational safety |

| Specifications | Accessories | POWER UNITS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------|
| Max. flow: 10 GPM / 40 lpm Max. pressure: 2000 PSI / 140 bar Weight: 16 lb / 7 kg Dimensions (LxWxH): 21 x 11 x 12 inch / 533 x 279 x 305 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Replacement Grinding Stone » Stone Removal Wrench » Hose Set | D-23, E-15, G-18, G-21, G-23, G-31 |



BULL NOSE GRINDER

GB-05-65-O



HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

EFFICIENT TOOL FOR DEBURRING OF DRILLED HOLES

The bull nose grinder is an efficient tool for the deburring of drilled holes in preparation for rail joining.

| Feature | Function | Benefit |
|------------------------|--------------------------------------------|--------------------------------------------|
| Frame design | Allows heat separation from operator hands | For additional safety, operator protection |
| Anti-vibration handles | Low vibration transfer | High ergonomics |
| Rugged design | Robust design for construction site use | Long lifetime |

Specifications

Max. flow: 5 GPM / 20 lpm
 Max. pressure: 2000 PSI / 140 bar
 Weight: 12 lb / 5 kg
 Dimensions (LxWxH): 19 x 6.5 x 9 inch /
 483 x 165 x 2329 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

- » Replacement Grinding Stone
- » Stone Removal Wrench
- » Hose Set

POWER UNITS

G-05, G-09, G-18



GRINDING

RAIL NOTCHER

RN-10-F4-O



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

QUICK AND EFFICIENT GRINDING OF RAIL HEADS

The rail notcher is a quick and efficient tool to notch the head of the rail for head repair welds. The large diameter grinding stone has a long life.

| Feature | Function | Benefit |
|----------------------------------------|------------------------------------------------------|--------------------------------------------|
| Industry leading spark arrestor system | Protects user and environment | For fire prevention and user safety |
| Adjustable handle | Allows the user to find the optimal working position | For ease of operation |
| Pivoting arm | Provides pendulum motion | Extending stone life and precise operation |

| Specifications | Accessories | POWER UNITS |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------|
| Max. flow: 10 GPM / 40 lpm Max. pressure: 2000 PSI / 140 bar Weight: 41 lb / 19 kg Dimensions (LxWxH): 47 x 29 x 28 inch / 1194 x 737 x 711 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Replacement Grinding Stone » Stone Removal Wrench » Hose Set | D-23, E-15, G-18, G-21, G-23, G-31 |



FLANGEWAY CLEANER

GW-10-89-1



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

FAST AND EFFICIENT CLEANING TOOL

The flangeway cleaner is a fast and efficient way of cleaning crossing flanges of debris and ice. It is also available in a petrol-powered model.

| Feature | Function | Benefit |
|-------------------------|------------------------------------------------------|----------------------------------------|
| Twin flails and brushes | Flexible and effective cleaning of crossing flanges | Acts together for complete cleaning |
| Adjustable handle | Allows the user to find the optimal working position | For high comfort and ergonomics |
| Folding frame | Can be easily folded together | For compact storage and transportation |

Specifications

Max. flow: 10 GPM / 40 lpm
 Max. pressure: 2000 PSI / 140 bar
 Weight: 34 lb / 15 kg
 Dimensions (LxWxH): 47 x 29 x 38 inch /
 1194 x 737 x 965 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

- » Replacement Flails and Brushes
- » Hose Set

POWER UNITS

D-23, E-15, G-18,
 G-21, G-23, G-31



CUTTING

RAIL SAW

SR-10-26-1



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

IMPROVED ERGONOMICS AND OPTIMUM PROTECTION

The hydraulic rail saw with its bell-crank clamp offers improved ergonomics and optimum protection as well as precise results.

| Feature | Function | Benefit |
|---------------------------|--------------------------------------------------|-----------------------------------------|
| Bell-crank clamp | Enables precise cutting from a standing position | Improved ergonomics and personal safety |
| Free floating spark guard | Protects user and environment from all angles | Optimum protection |
| Over-speed value | Protects motor and blade from excessive RPM | Extended motor and blade life |

Specifications

Max. flow: 10 GPM / 40 lpm
Max. pressure: 2000 PSI / 140 bar
Weight: 35 lb / 16 kg
Dimensions (LxWxH): 45 x 11 x 27 inch /
1143 x 279 x 686 mm
Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

» Replacement
Saw Blade
» Hose Set

POWER UNITS

D-23, E-15, G-18,
G-21, G-23, G-31



RAIL SAW

GS-00-90-O



GAS

POWERFUL GAS ENGINE ENSURES FAST CUTTING

The powerful gas engine ensures fast cutting of the rail.

| Feature | Function | Benefit |
|---------------------------|-----------------------------------------|------------------------------------|
| Double fixture attachment | Provides exact cuts from two directions | Flexible use on construction sites |
| Quick release clamp | Quick disconnect from railhead | Saves time |
| Fast and stable cutting | Prevents misuse | Increased safety |

Specifications

Weight: 47 lb/ 21 kg
Dimensions (LxWxH): 36 x 9.5 x 18 inch/
914 x 241 x 457 mm

Accessories

» Replacement Saw Blade

DRILLING

TIE DRILL

DT-10-H3-O



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

ERGONOMIC DESIGN FOR DRILLING HOLES FROM STANDING POSITION

The tie drill is ergonomically designed to drill holes from a standing position to reduce back strain. This tool features a trigger lock and hydraulic hoses that are not in contact with operator's hands for added safety as well as a telescopic drill bit guard with built-in depth stop for safe and accurate operation.

| Feature | Function | Benefit |
|-----------------------|-----------------------------------------|-------------------------------------|
| Ergonomic design | To drill holes from a standing position | High comfort and ergonomics |
| Weight: 33 lb/ 15 kg | Lightweight design | Reduces back pain |
| Telescoping bit guard | Built-in depth stop | For safe and accurate hole drilling |

Specifications

Max. flow: 10 GPM / 40 lpm
Max. pressure: 2000 PSI / 140 bar
Weight: 33 lb / 15 kg
Dimensions (LxWxH): 4 x 19 x 32 inch /
102 x 483 x 813 mm
Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

- » Replacement Drill Bits
- » Drill Guide
- » Hose Set

POWER UNITS

D-23, E-15, G-18,
G-21, G-23, G-31



RAIL DRILL

RD 330 P



GAS

EFFICIENT RAIL WEB DRILLING OF FLAT BOTTOM AND GROOVED RAILS

The latest rail drilling machine from Goldschmidt Thermit Group enables quick and precise drilling of the rail web and is equipped with a special quick clamp device.

| Feature | Function | Benefit |
|-------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|
| Drilling time approx. 20 to 60 seconds depending on hole diameter and rail hardness | Quick machining of the rail | Short process time |
| Special quick clamp device | Enables quick positioning and removal of machine | Short process time in handling |
| Hole diameter range: 0.24 to 1.6 inch | Cutters in different sizes | Flexible use at the construction site |
| Weight: 39.7 lb/ 18.0 kg | Lightweight construction | One-man operation |
| Ideal center of gravity | Easy handling | User-friendly |

Specifications

Engine output: 1.5 kW
 Engine speed under load: 4100 rpm
 Weight: 39.7 lb/ 18.0 kg
 Dimensions (LxWxH): 23.0 x 13.4 x 15.6 inch/
 583 x 341 x 395 mm

Accessories

- » Replacement Core and Twist Cutters
- » Rail profile templates for all common profiles, special templates available on request
- » Coolant tank with pressure pump
- » Clamping devices for flat bottom and grooved rails

DRILLING

IMPACT DRILL

DI-05-76-O



HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

LIGHTWEIGHT DRILLING TOOL FOR WOODEN POLES AND TIES

The impact drill is constructed in a lightweight design and ideal for drilling into wooden poles and ties.

| Feature | Function | Benefit |
|---------------------------------------------------------|----------------------------|-----------------------------------|
| Light weight design with standard 7/16" hex quick chuck | Easy and upright operation | High flexibility and ergonomics |
| Delivering impact torque of up to 500 ft. lbs. | High drilling torque | Time saving |
| Oversized feathering trigger | Easy handling | Ease of use and precise operation |

| Specifications | Accessories | POWER UNITS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI/ 140 bar Weight: 8 lb / 4 kg Dimensions (LxWxH): 9 x 3 x 10 inch / 229 x 76 x 254 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Replacement Drill Bits » Drill Guide » Hose Set | G-05, G-09, G-18 |



RAIL DRILL

RD-05-A9-O



HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

HIGH QUALITY LIGHTWEIGHT TOOL

The rail drill is a lightweight machine with an impressive performance. A simple forward / reverse lever turns the quill feed arbor on or off. The self-feed feature provides easy operation and extended bit life. The tool can be used with flat bottom, grooved and crane rails. The machine offers holders to place extra bits.

| Feature | Function | Benefit |
|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| Quick adjusting clamp for flat bottom, grooved and crane rails | Enables quick positioning and removal of machine | Flexibility and time savings |
| High quality annular cutter | Enables many drillings with one drill bit | High economy through particularly long service life |
| Self feeding | Automatic propulsion of the drill | Reduces human error |
| Weight: 48 lb / 22 kg | Lightweight design | One-man operation and easy transport |

Specifications

Max. flow: 5 GPM / 20 lpm
 Max. pressure: 2000 PSI / 140 bar
 Weight: 48 lb / 22 kg
 Dimensions (LxWxH): 23 x 7 x 13 inch /
 584 x 178 x 330 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

- » Replacement Cutters
- » Hose Set

POWER UNITS

G-05, G-09, G-18



RAIL DRILL

RD-00-A9-O



GAS

ERGONOMIC FEED HANDLE AND SIMPLE CLAMPING SYSTEM

The rail drill has a powerful and reliable 4-stroke gas-operated engine. The tool features a quill feed arbor with thru-the-tool cooling. It has an ergonomic feed handle and a simple clamping system. The ideal center of gravity and a weight of only 45 lbs/ 21 kg makes it extremely easy to transport the tool. Clamps are available for drilling flat bottom, crane or girder rails.

| Feature | Function | Benefit |
|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|
| Quick adjusting clamp for flat bottom, grooved and crane rails | Enables quick positioning and removal of machine | Flexibility and time saving |
| High quality annular cutter | Enables many drillings with one drill bit | Highly economical through particularly long service life |
| 4-stroke gas-operated engine | No oil mixing required | High flexibility – no power unit needed |
| Weight: 45 lb/ 21 kg | Lightweight construction | One-man operation and easy transport |

| Specifications | Accessories |
|-------------------------------------------------------------------------------------|-----------------------|
| Weight: 45 lb/ 21 kg Dimensions (LxWxH): 23 x 7 x 18 inch/ 584 x 118 x 457 mm | » Replacement Cutters |

IMPACT WRENCH

WI-10-60-O (1")



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

EASY FAST LOOSENING AND TIGHTENING OF BOLTS AND NUTS

The impact wrench enables the easy and fast loosening and tightening of bolts and nuts. The flip over handle allows for increased operator comfort. The rugged design incorporates an integral motor and heavy-duty mechanism for the rigors of track maintenance.

| Feature | Function | Benefit |
|----------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------|
| Swing handle | Usable in a vertical and horizontal position | More convenient use |
| Cushion grips | Reduction of vibration | Increased operator comfort |
| Highly efficient hydraulic motor | Production of up to 3800 Nm of torque | Efficient working through reduced downtimes and execution of demanding maintenance work |

| Specifications | Accessories | POWER UNITS |
|----------------------------------------------------------|------------------|-------------------|
| Max. flow: 10 GPM / 40 lpm | » Impact Sockets | D-23, E-15, G-18, |
| Max. pressure: 2000 PSI / 140 bar | » Hose Set | G-21, G-23, G-31 |
| Weight: 26 lb / 12 kg | | |
| Dimensions (LxWxH): 14 x 7 x 9 inch / 356 x 178 x 229 mm | | |
| Quick Couplers: 3/8 HTMA (ISO 16028) | | |



LAG DRIVER**DL-10-B1-2**

HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

FAST EFFICIENT LOOSENING AND TIGHTENING OF LAG BOLTS

The lag driver allows loosening and tightening of lag bolts while in a standing position to reduce back strain. The lag driver is fast and efficient so the job can be completed quickly. Adapters are available for dome, torx, square and exposed rectangular lag bolts.

| Feature | Function | Benefit |
|-----------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------|
| Install and remove lag bolts while in a standing position | Solve and tighten nuts with specified torque in standing position | High operator comfort |
| Adapters for dome, torx, square and rectangle lag bolts | Flexible usage | Efficient working and execution of maintenance work |

| Specifications | Accessories | POWER UNITS |
|---------------------------------------------------------------|------------------|-------------------|
| Max. flow: 10 GPM / 40 lpm | » Impact Sockets | D-23, E-15, G-18, |
| Max. pressure: 2000 PSI / 140 bar | » Hose Set | G-21, G-23, G-31 |
| Weight: 40 lb / 18 kg | | |
| Dimensions (LxWxH): 5.0 x 16.5 x 29 inch / 127 x 419 x 737 mm | | |
| Quick Couplers: 3/8 HTMA (ISO 16028) | | |



IMPACT WRENCH

GW-00-84-1



GAS

EASY HANDLING AND HIGHLY FLEXIBLE LOOSENING AND TIGHTENING OF BOLTS

The lightweight wrench is driven by an powerful 2 cycle engine which produces up to 1250 ft lbs of torque. The tool is equipped with vibration reducing grips for greater operator comfort and can be used horizontally or vertically.

| Feature | Function | Benefit |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------|
| Weight: 52 lb/ 24 kg | Lightweight design | One-man operation and easy transport |
| Quick adjusting clamp | Enables quick positioning and removal of machine | Fast attachment and short process time |
| Annular cutter | Loosens tough nuts and bolts and can quickly re-torque them back on | Efficient working and execution of demanding maintenance work |
| 4-stroke engine | Easy handling and high flexibility | Ease of use |

Specifications

Weight: 52 lb/ 24 kg
Dimensions (LxWxH): 26 x 15 x 11 inch/
660 x 380 x 280 mm

Accessories

» Impact Sockets

DEAD HEAD DRIVER

DH-05-H9-O



HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

MORE COMFORT AND IMPROVED ERGONOMICS WITH REMOVAL OF BROKEN SPIKES, SCREWS AND BOLTS

The dead head driver offers a high rate of blows per minute which enables easy removal of broken spikes, screws, through bolts and hook bolts. Standing operation reduces back strain common with other methods of removal. It eliminates the use of hand held punches and hammers reducing the likelihood of injury. The tool can also be fitted with additional bits for chipping ice or tie tamping.

| Feature | Function | Benefit |
|-----------------------------------------------------------|---------------------------------|---------------------|
| Drive broken spikes, screws, through bolts and hook bolts | Flexible usage | High efficiency |
| Product design enables standing operations | Easy and ergonomic handling | Reduces back strain |
| Eliminates the use of hand held punches and hammers | Reducing likelihood of injury | Operator safety |
| Diverse bits available | Combines different tools in one | Flexible use |

| Specifications | Accessories | POWER UNITS |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI/ 140 bar Weight: 44 lb/ 20 kg Dimensions (LxWxH): 4 x 16 x 38 inch/ 102 x 406 x 965 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Dead Head Bit » Ice Breaker Bit » Tie Tamper Bits » Hose Set | G-05, G-09, G-18 |



SPIKE SETTER

SS-00-K1-O



MANUAL

USER-FRIENDLY AND ERGONOMIC SPIKE SETTING BEFORE DRIVING

The spike setter is designed for setting spikes into ties before driving. The tool enables the user to work in a standing position. The cushion grips allow the operator to set spikes with less fatigue. The magnetic holder secures the spike for placement.

| Feature | Function | Benefit |
|----------------------------------------|-----------------------------------------------------|-----------------------------|
| Telescoping main tube | Enables to work in a standing working position | Increased user-friendliness |
| Cushion grips | Allows the operator to set spikes with less fatigue | Improved ergonomics |
| Magnetic spike holder and slide hammer | Secures the spike for placement | Increased user-friendliness |

Specifications

Weight: 15 lb/7 kg

Dimensions (LxWxH): 40 x 15.3 x 3.3 inch/ 1016 x 389 x 84 mm

SPIKE TESTER

ST-00-99-O



MANUAL

LIGHTWEIGHT TOOL TO SAFELY DETERMINE BROKEN OR LOOSE SPIKES

The spike tester is designed to determine broken or loose spikes. The lightweight design allows for ease of use. The spike tester eliminates the use of a heavy claw bar and is safer than traditional methods.

| Feature | Function | Benefit |
|-------------------------------------|-------------------------------------------------|---------------------|
| Lightweight design | Operation and transport with ideal body posture | Improved ergonomics |
| Design simplifies testing of spikes | Eliminates the use of heavy claw bar | Ease of use |

Specifications

Weight: 4 lb / 2 kg
Dimensions (LxWxH): 6 x 2.75 x 36 inch / 152 x 70 x 914 mm

SPIKE PULLER

PS-10-74-O (SINGLE STAGE) / PS-10-74-1 (TWO STAGE)



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

SIMPLE AND EFFICIENT SPIKE PULLING

The spike puller provides the ultimate in spike removal. Spike extraction can be accomplished from any position making spike pulling simple and efficient.

| Feature | Function | Benefit |
|---------------------------------------|--------------------------------------------------------------|----------------------------------------------|
| Rotating handle for easier use | Operator can select most comfortable position to pull spikes | High ergonomics |
| 90-degree swivel hose connection | Protects the hydraulic hoses against kinking and breaking | Improved safety for operator and environment |
| Whip hoses and standard jaws included | Immediately ready for use after delivery | No need for set-up |

| Specifications | Accessories | POWER UNITS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------|
| Max. flow: 10 GPM / 40 lpm Max. pressure: 2000 PSI / 140 bar Weight: 46 lb / 21 kg Dimensions (LxWxH): 4 x 16 x 36 inch / 102 x 406 x 914 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Hose Set | D-23, E-15, G-18, G-21, G-23, G-31 |



SPIKE DRIVER**DS-10-J2-O**

HYDRAULIC, 5–8 GPM / 20–32 LPM

HTMA TYPE II

FAST AND EFFICIENT DRIVING OF SPIKES

The spike driver is one of the most efficient tools in the market with its 1050 blows per minute. This lightweight tool guarantees the best ergonomics and ease of use. The 67 lbs/ 30 kg weight allows for easy transportation. Anti-recoil technology and anti-vibration handles allow for a more ergonomic operation.

| Feature | Function | Benefit |
|---------------------------------------------------|------------------------------------------------------------------------------------|---------------------|
| Anti-recoil technology and anti-vibration handles | Isolates the operator from the tool's vibration, whereby reducing operator fatigue | Improved ergonomics |
| 1" shank size | Accepts optional tools | High flexibility |
| Weight: 67 lb/ 30 kg | Lightweight design | One-man operation |

| Specifications | Accessories | POWER UNITS |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|
| Max. flow: 5–8 GPM / 20–32 lpm Max. pressure: 2000 PSI / 140 bar Weight: 67 lb / 30 kg Dimensions (LxWxH): 4 x 16 x 38 inch / 102 x 4106 x 965 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Hose Set | D-23, E-15, G-18, G-21, G-23, G-31 |





SAFELOK REMOVER

LR-05-81-O



HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

QUICK AND EASY REMOVAL OF SAFELOK CLIPS

The safelok remover is designed for the quick and easy removal of safelok clips. This lightweight tool assures an easy and comfortable use. The safelok remover eliminates the use of hammers and punches.

| Feature | Function | Benefit |
|------------------------|--------------------------------------|------------------------------|
| Weight: 38 lbs / 17 kg | Lightweight design | One-man operation |
| Stand up operation | Ergonomic design | Protects against back strain |
| Robust design | Steel construction for durable usage | Long lifetime |

| Specifications | Accessories | POWER UNITS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI / 140 bar Weight: 38 lb / 17 kg Dimensions (LxWxH): 12 x 10 x 37 inch / 305 x 254 x 940 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Hose Set | G-05, G-09, G-18 |



SAFELOK INSTALLER

CI-05-94-1



HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

FLEXIBLE AND EASY INSTALLING OF SINGLE OR DUAL SAFELOK CLIPS

The safelok installer is designed to install single or dual safelok clips. This tool will help eliminate the use of other methods that increase the likelihood of injury. When properly used this tool will help reduce back strain and also reduce operator fatigue.

| Feature | Function | Benefit |
|----------------------------|-------------------------------------------------|---------------------------------------|
| Multi-purpose tool | Single or dual safelok clips, type I and III | Flexible use at the construction site |
| Zero gravity wheel kit | Less effort moving the tool along the rail | Ease of use |
| Automatically opening jaws | Automatically open when the trigger is released | Easy operation – workload reduction |

| Specifications | Accessories | POWER UNITS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI / 140 bar Weight: 52 lb / 24 kg Dimensions (LxWxH): 23 x 28 x 45 inch / 584 x 711 x 1143 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Hose Set | G-05, G-09, G-18 |



E-CLIP INSTALLER**EI-05-A3-2 / EI-05-A3-3****HYDRAULIC, 5 GPM / 20 LPM****HTMA TYPE I****HIGH SAFETY AND SMOOTH INSTALLATION OF PANDROL E-CLIPS**

The tool installs Pandrol e-Clips with smooth hydraulic operation. The e-clip installer reduces the fatigue experienced with manual installation and reduces back strain and injuries compared to traditional methods of installation.

| Feature | Function | Benefit |
|--------------------------------------------------|------------------------------------------------|-----------------------------------|
| Stand up operation | Ergonomic design | Reduces back strain, less fatigue |
| Weight: 33.5 lb/ 15 kg | Lightweight design | One-man operation |
| Installs e-Clips with smooth hydraulic operation | Eliminates the manual use of clip installation | Increased safety and comfort |

| Specifications | Accessories | POWER UNITS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI / 140 bar Weight: 33.5 lb / 15 kg Dimensions (LxWxH): 19.5 x 6 x 37 inch / 495 x 152 x 940 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Hose Set | G-05, G-09, G-18 |



E-CLIP REMOVER

ER-05-A4-O



HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

EASY REMOVAL OF E-CLIPS FROM PANDROL ROLL PLATES

The e-clip remover is used to easily remove e-Clips from Pandrol roll plates. The hydraulic operation eliminates the use of manual tools.

| Feature | Function | Benefit |
|----------------------------|------------------------|-------------------------|
| Auto return function | Easily removes e-Clips | Fast and easy operation |
| Durable steel construction | Robust design | Long lifetime |

| Specifications | Accessories | POWER UNITS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI / 140 bar Weight: 33.5 lb / 15 kg Dimensions (LxWxH): 19.5 x 6 x 39 inch / 495 x 152 x 991 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Hose Set | G-05, G-09, G-18 |



E-CLIP REMOVER**ER-05-A2-O**

HYDRAULIC, 5 GPM / 20 LPM

HTMA TYPE I

BACK-FRIENDLY REMOVAL OF E-CLIPS FROM THE ANCHOR

The e-clip remover is designed to remove e-Clips from the anchor. This tool will help eliminate the use of other methods that increase the likelihood of injury. When properly used this tool will help reduce back strain and also reduce operator fatigue.

| Feature | Function | Benefit |
|-----------------------------------------------------|--------------------------------------------|-----------------------------------|
| Stand up operation | Ergonomic design | Reduces back strain, less fatigue |
| Weight: 28 lb/ 13 kg | Lightweight design | One-man operation |
| Removing of e-Clips with smooth hydraulic operation | Eliminates the manual use of clip removing | Increased safety and comfort |

| Specifications | Accessories | POWER UNITS |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI / 140 bar Weight: 28 lb / 13 kg Dimensions (LxWxH): 10.5 x 13 x 33.5 inch / 267 x 330 x 851 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Hose Set | G-05, G-09, G-18 |



LOADING ARM

LA-00-83-O



MANUAL

INTELLIGENT SIMULATION OF LOADS ON CURVES

The loading arm is used to simulate loads on curves. The tool can push or pull on the rail and is powered by a self-contained hydraulic system.

| Feature | Function | Benefit |
|----------------------------|------------------------------|-------------------|
| Insulated frame | Prevents shunting of signals | Increased safety |
| Weight: 57 lb/ 26 kg | Ergonomic design | One-man operation |
| Durable steel construction | Robust design | Long lifetime |

Specifications

Weight: 57 lb/ 26 kg
Dimensions (LxWxH): 66-79 x 5 x 9 inch/ 1676-2006 x 127 x 229 mm

GAUGING ARM (WEB)

TA-00-A6-O



MANUAL

PUSHING AND PULLING OF RAILS TO SET TRACK GAUGE

The gauging arm (web) allows the pushing or pulling of the rail to set track gauge. The tool applies force to the web of the rail to maintain positioning. The tool is powered by a self-contained hydraulic system.

| Feature | Function | Benefit |
|----------------------------|--------------------------------|------------------|
| Insulated frame | Prevents shunting of the track | Increased safety |
| Durable steel construction | Robust design | Long lifetime |

Specifications

Weight: 90 lb / 41 kg
Dimensions (LxWxH): 69 x 6 x 16 inch / 1752 x 152 x 406 mm

GAUGING ARM (BALL)

TA-00-A6-1



MANUAL

EASY GAUGING OF PANELS

The gauging arm (ball) gauges off the ball of the rail which allows for easy gauging of panels. Rollers allow easy movement along the rail. The tool is powered by a self-contained hydraulic system.

| Feature | Function | Benefit |
|----------------------------|-------------------------------------|-------------------|
| Insulated frame | Prevents shunting of the track | Increased safety |
| Durable steel construction | Robust design | Long lifetime |
| Rollers | Allows easy movement along the rail | Ease of operation |

Specifications

Weight: 123 lb / 56 kg

Dimensions (LxWxH): 69 x 6 x 16 inch / 1752 x 152 x 406 mm

WELD SHEAR

WS-10-64-4 / WS-00-64-4



HYDRAULIC / MANUAL, 10 GPM / 40 LPM

HTMA TYPE RR

AUTOMATED AND CONTROLLED CUTTING

The weld shear is a lightweight tool for easy carrying and operation. The shear has controlled cutting speed to enable a consistent cutting action with automatic rapid retract to speed up the process. The weld shear is equipped with replaceable blades that can be changed for different rail profiles.

| Feature | Function | Benefit |
|----------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| Easy actuation lever | Controls shear speed and automatically retracts when released | Automated speed controls cutting and allows operator to clear area when retracting |
| Roller hold downs | Holds shear on rail | Rollers provide for smooth movement along the rail |
| HTMA couplers | Connects shear to power source | Industry standard used worldwide |
| Carry handles | Manual transportation | Easy movement and placement |

| Specifications | Accessories | POWER UNITS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------|
| Max. flow: 10 GPM / 40 lpm Max. pressure: 2000 PSI / 140 bar Weight: 94 lb / 43 kg Dimensions (LxWxH): 29 x 18 x 6.25 inch / 7370 x 457 x 159 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Replacement Shear Blades » Hose Set | D-23, E-15, G-18, G-21, G-23, G-31 |



RAIL PULLER

RP-10-86-1



HYDRAULIC, 10 GPM / 40 LPM

HTMA TYPE RR

QUICK AND EASY SETUP FOR STRESSING RAILS

The versatile design of the rail puller allows for quick and easy setup for stressing rails. Large cylinders provide 120 T of pulling power with only 2000 PSI/ 140 bar hydraulic pressure. Suitable for rails from 90 to 141 lb.

| Feature | Function | Benefit |
|------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|
| Generates 120 tons of force | Powerful tool without the use of a pressure intensifier | Efficient working and execution of demanding maintenance work |
| Single lever operation | Tool for push and pull movement | Flexible use at the construction site |
| Fixed one piece frame construction | Robust | Long lifetime |

| Specifications | Accessories | POWER UNITS |
|--------------------------------------------------------------|-------------|-------------------|
| Max. flow: 10 GPM / 40 lpm | » Grip Pads | D-23, E-15, G-18, |
| Max. pressure: 2000 PSI / 140 bar | » Hose Set | G-21, G-23, G-31 |
| Weight: 1146 lb / 521 kg | | |
| Dimensions (LxWxH): 111 x 30 x 19 inch / 2819 x 762 x 483 mm | | |
| Quick Couplers: 3/8 HTMA (ISO 16028) | | |



RAIL ALIGNER

MANUAL

RA-00-93-O

The rail aligner is designed to quickly position the ends of a rail for welding. This tool will help eliminate the use of other methods that increase the likelihood of injury. The jack feet accommodate anchor plates in concrete ties and prevent movement from side to side.

Specifications

Weight: 18 lb / 8 kg

Dimensions (LxWxH): 18 x 6 x 5 inch/
457 x 152 x 127 mm



FLANGEWAY WELD BLOCKS

MANUAL

Solid copper welding blocks are machined to conform to the rail. The handle allows for convenient and easy transportation. The flangeway weld blocks are available in variable lengths and widths.



WELDING SEAT

MANUAL

SW-00-04-O

The welding seat provides the welder with a comfortable working position during switch and frog repair. The standard air chuck inlet and the dual female outlets allow for accessories.

Specifications

Weight: 17 lb/ 8 kg
Dimensions (LxWxH): 20 x 16.5 x 25 inch/
508 x 4219 x 635 mm

Accessories

- » Hose Kit
- » Nozzle Set



WEDGE

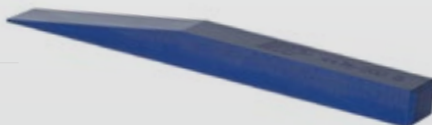
MANUAL

4476-00D

Long taper for precision positioning. Long length for use with rail pullers to minimize striking puller while under tension.

Specifications

Weight: 11 lb/ 5 kg
Dimensions (LxWxH): 18 x 2 x 2 inch/
457 x 51 x 51 mm



HOOK BOLT WRENCH

MANUAL

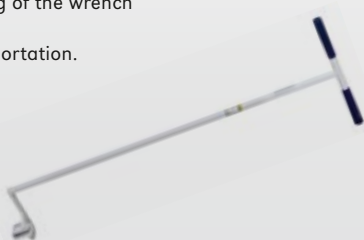
HR-00-AI-O

Safely and efficiently holds the hook end of the tie down bolt for the tightening and loosening of nuts. Lugs prevent twisting of the wrench during tightening and loosening. The lightweight design enables ease of use and transportation.

Specifications

Weight: 8 lb/4 kg

Dimensions (LxWxH): 17 x 7 x 7 inch/
432 x 178 x 178 mm



HOOK BOLT DROP WRENCH

MANUAL

HR-00-A1-1 / HR-00-A1-2

The hook bolt drop wrench allows the operator to stand on top of the bridge deck when installing and loosening hook bolts. The wrench captures the hook bolt during installation and removal which prevents it from being lost. The tool is available in a right and left hand version.

Specifications

Weight: 8 lb/4 kg

Dimensions (LxWxH): 17 x 3 x 51 inch/
432 x 76 x 1295 mm



PILE TURNING WRENCH

MANUAL

G7-4954-00K

The pile tuning wrench provides a safe and efficient solution to move pilings in an effective and ergonomic way.

Specifications

Weight: 7.5 lb/3 kg

Dimensions (LxWxH): 48 x 6 x 1 inch/
1219 x 152 x 25 mm



LADDER SAFETY BRACKET

MANUAL

BL-00-H1-O

The ladder safety bracket is used to prevent ladders from slipping off pilings or posts. A safety chain secures the bracket to the ladder.

Specifications

Weight: 9 lb/4 kg

Dimensions (LxWxH): 8 x 19 x 5 inch/
203 x 483 x 127 mm



DRILL GUIDE

MANUAL

DG-00-A1-3

The drill guide is designed for straight drilling into timbers and to avoid hitting steel girders on bridges. It may be used on 8" or 10" ties.

Specifications

Weight: 17 lb / 8 kg

Dimensions (LxWxH): 12 x 26 x 37 inch /
305 x 660 x 940 mm



RAIL GUIDE

MANUAL

HR-00-66-3

The rail guide stabilizes the rail during loading and unloading.

Specifications

Weight: 2.5 lb / 1.1 kg

Dimensions (LxWxH): 6 x 4 x 0.3 inch /
152 x 102 x 7.6 mm





GASOLINE POWER UNIT

G-05 / G-05S04-88-O / G-05S05-08-O



5 GPM / 20 LPM

HTMA TYPE I

HIGHLY ERGONOMIC AND USER-FRIENDLY

Thanks to our large range of hydraulic power units we can offer exactly the right power unit for the operation of hydraulic tools and machines. The machines are equipped with HTMA flat faced couplers and user-friendly controls. Units could be adapted by individual technical customer request.

| Feature | Function | Benefit |
|--------------------------------------|----------------------------------------------------|------------------------------------|
| Large capacity cooler | Prevents oil from overheating | Extends the life of HPU and Tools |
| Low engine oil protection | Engine protection | Ensures a long lifetime of the HPU |
| Vibration absorber | Damps the vibration and reduces the noise emission | Extremely ergonomic |
| Compact design with carrying handles | Easy transport | High user-friendliness |

| Specifications | Accessories |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Max. flow: 5 GPM / 20 lpm Max. pressure: 2000 PSI / 140 bar Weight: 84 lb / 38 kg Dimensions (LxWxH): 24 x 17 x 16.5 inch / 610 x 432 x 419 mm Quick Couplers: 3/8 HTMA (ISO 16028) | » Filters and Oil » Pressure Gauge » Hose Set |

GASOLINE POWER UNIT

G09S06-52-W / G-11S07-52-W / G-13S08-52-W



6–8 GPM / 27–36 LPM

HTMA TYPE I, II

LARGE CAPACITY COOLER EXTENDS LIFE

This unit was designed with the customer demands of high user-friendliness and flexibility in the field. The compact and robust design ensures the user powerful hydraulic forces in each location. The machines are equipped with HTMA flat faced couplers and user-friendly controls.
(For G-09 CE certificate available)

| Feature | Function | Benefit |
|----------------------------------------------|---------------------------------|-------------------------------------|
| Large capacity cooler | Prevents oil from overheating | Extends the life of HPU and Tools |
| Folding handlebar and 10" OD pneumatic tires | Rolls over rough terrain easily | Power unit mobile in all situations |
| Hour meter and oil level indicator | Easier maintenance | Extends life of components |

Specifications

Max. flow: 6–8 GPM / 27–36 lpm
 Max. pressure: 2000 PSI / 140 bar
 Weight: 136–143 lb / 62–65 kg
 Dimensions (LxWxH): 26.5 x 20 x 27.5 inch / 673 x 508 x 699 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

- » Filters and Oil
- » Battery
- » Flow Meter
- » Pressure Gauge
- » Hose Set

GASOLINE / DIESEL POWER UNIT

G-18 / G-18S10-54-W /
G-18S10-58-W / G-18D55-53-W



0-10 GPM / 10-40 LPM · 5+5 GPM / 20+20 LPM

HTMA TYPE I, RR

EQUIPPED WITH HTMA FLAT FACED COUPLERS AND
USER-FRIENDLY CONTROLS

Thanks to our large range of hydraulic power units we can offer exactly the right power unit for the operation of hydraulic tools and machines. The machines are equipped with HTMA flat faced couplers and user-friendly controls. Optional flows and pressures available. High quality gear pumps for better efficiency installed.

| Feature | Function | Benefit |
|------------------------|---------------------------------------------|-------------------------------------|
| Low oil level shutdown | Engine shuts down when oil level is too low | Engine protection |
| 16" wheels | Rolls over rough terrain easily | Power unit mobile in all situations |
| Large capacity cooler | Prevents oil from overheating | Extends life of components |

Specifications

Max. flow: 10 GPM / 40 lpm
Max. pressure: 2000 PSI / 140 bar
Weight: 233 lb / 106 kg
Dimensions (LxWxH): 39 x 29 x 32 inch /
991 x 737 x 813 mm
Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

- » Filters and Oil
- » Battery
- » Flow Meter
- » Pressure Gauge
- » 12VDC Power Port
- » Hose Reel
- » Hose Set
- » Roll Bar

ELECTRIC POWER UNIT

E-20 / E-20S10-G6-W



CUSTOMIZED PRESSURE AND FLOW

HTMA TYPE II, RR

MOBILE IN ANY SITUATION

Designed for use in special environmental conditions (tunnel, buildings) PortaCo can offer a customizable power unit from its product range. Thanks to our range of hydraulic power units we can offer exactly the right power unit for the operation of hydraulic tools and machines. The power unit can be configured with many sizes of motors with voltage, frequency and starter options. The power unit is also be customized for other flows and pressures by request.

| Feature | Function | Benefit |
|--------------------------------------|---------------------------------|-------------------------------------|
| Large capacity cooler | Prevents oil from overheating | Extends the life of HPU and Tools |
| Telescoping handles and large wheels | Rolls over rough terrain easily | Power unit mobile in all situations |

Specifications

Max. flow: Various (customized)
 Max. pressure: Various (customized)
 Weight: Various (customized)
 Dimensions (LxWxH): 35 x 26 x 32 inch /
 889 x 660 x 813 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

» Filters and Oil
 » Cord Length and Connections
 » Flow Meter
 » Pressure Gauge
 » Hose Reel
 » Hose Set

DIESEL POWER UNIT

D-23 / D-23S12-J5-W / D-23D55-J6-W



0-12 GPM / 0-54 LPM · 5+5 GPM / 20+20 LPM

HTMA TYPE I, RR

EXTEND THE LIFE OF HPU AND TOOLS

Thanks to our range of hydraulic power units we can offer exactly the right power unit for the operation of hydraulic tools and machines. The machine is equipped with HTMA flat faced couplers, 45 amp alternator and a replaceable 10 micron hydraulic oil filter. The machine can be configured with a fixed flow, variable flow and dual flow options.

| Feature | Function | Benefit |
|--------------------------------------------------------|--------------------------------------------------|-------------------------------------|
| Large capacity cooler | Prevents oil from overheating | Extends the life of HPU and tools |
| Low engine oil and high coolant temperature protection | Engine shuts down when oil level is too low | Engine protection |
| Collapsible handles and large wheels | Roll over rough terrain easily | Power unit mobile in all situations |
| 12V electric start | Easy starting process compared to recoil starter | Increased user-friendliness |

Specifications

Max. flow: 12 GPM / 54 lpm
 Max. pressure: 2000 PSI / 140 bar
 Weight: 520 lb / 236 kg
 Dimensions (LxWxH): 39 x 29 x 36.5 inch /
 991 x 7370 x 927 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

» Filters and Oil
 » Battery
 » Flow Meter
 » Pressure Gauge
 » 12VDC Power Port
 » Hose Reel
 » Hose Set

GASOLINE POWER UNIT

G-31 / G-31D1010-J3-O



2 x 10 GPM / 2 x 40 LPM

HTMA TYPE RR

FLEXIBLE USE AT THE CONSTRUCTION SITE

Thanks to our range of hydraulic power units we can offer exactly the right power unit for the operation of hydraulic tools and machines. The power unit is equipped with HTMA flat faced couplers and an electric starter. This machine can be used to operate two 10 GPM tools simultaneously.

| Feature | Function | Benefit |
|--------------------------------------------------------|------------------------------------------------------------------|---------------------------------------|
| Large capacity cooler | Prevents oil from overheating | Extends the life of HPU and Tools |
| Low engine oil and high coolant temperature protection | Engine shuts down when oil level is too low | Engine protection |
| Twin 10 GPM unit | Capable of operating two 10 GPM (Type RR) tools at the same time | Flexible use at the construction site |

Specifications

Max. flow: 2 x 10 GPM / 2 x 40 lpm
 Max. pressure: 2000 PSI / 140 bar
 Weight: 560 lb / 255 kg
 Dimensions (LxWxH): 39.5 x 25.5 x 33 inch /
 1003 x 648 x 838 mm
 Quick Couplers: 3/8 HTMA (ISO 16028)

Accessories

» Filters and Oil
 » Battery
 » Flow Meter
 » Pressure Gauge
 » 12VDC Power Port
 » Hose Reel and Hose Set



TRACKSAFE BARRIER

70-40-500EU / 70-40-605



QUICK INSTALLATION OF FIXED BARRIER

The patented magnetic barrier guarantees absolute safety when working on all types of railway tracks. It is easy to install or remove.

| Feature | Function | Benefit |
|------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Fixed barrier, also for switches | Separation of working area and the adjacent railway track | Increased safety as unintentional walking on the adjacent track is excluded |
| Quick and easy installation and removal | Efficient protection of track workers | Saves time and costs, reduces delays and interruptions to railway operators |
| Magnetic fixing (pulling force up to 1323 lb/600 kg) | No costly removal of ballast required | No damage to ballast bed and no change to standard ballast profile or to resistance to lateral displacement |
| Transport and storage frame | Compact | Easy and efficient storage and transportation |

Specifications

A holder equipped with a neodymium durable magnet made from hot-dip galvanized steel.

- Weight of the holder: 17.6 lb/8 kg
- Plastic tube of 118.1 inch/3 m with a diameter of 1.9 inch/48 mm
- Weight of the tube: 8.8 lb/4 kg
- Tube with quick-fit mechanism

SAFETY KIT

MANUAL

SK-4403-OOK

The Safety Kit contains 2 flags, 2 flashlights, 12 flares and batteries in a lockable storage case. The Kit is DOT compliant.

Specifications

Weight: 12 lb / 5.4 kg
Dimensions (LxWxH): 20 x 6 x 4 inch /
508 x 152 x 102 mm



FLAG KIT

MANUAL

68-3953-OOK / 68-3636-OOK

The flag kit contains standard red lens light. Amber lens option is available. With the T-handle screw it is easy to clamp the flags to the rail. The flag disassembles to multiple pieces for easy storage.

Specifications

Weight: 13 lb / 6 kg
Dimensions (LxWxH): 4 x 27 x 41 inch /
202 x 686 x 1041 mm



BULL NOSE STONE WRENCH

MANUAL

65-3714-OOK

The bull nose stone wrench provides a better grip on the stone for removal and prevents damage to the stone.

Specifications

Weight: 0.75 lb / 0.35 kg
Dimensions (LxWxH): 9 x 1.25 x 2 inch /
229 x 32 x 51 mm



STONE WRENCH

MANUAL

29-3400-OOK

The stone wrench dramatically reduces the possibility of bending, distorting or damaging the spindle when removing the stone. It accommodates a standard 6" cup stone. An optional 4" cup stone wrench is available.

Specifications

Weight: 2.5 lb / 1.1 kg
Dimensions (LxWxH): 14 x 6.5 x 4.5 inch /
356 x 165 x 114 mm



HOSE SETS / COUPLERS

53-5003-00K

1/2" by 50 ft hose set, 2,500 PSI rating. Comes standard with couplers installed. Custom sizes and lengths are available.



HOSE REEL

53-5001-00P

Standard 3/4" inlet swivels to reduce backpressure. Accommodates 1/2" by 50 ft hose set. Solid steel construction. Optional ball stop available.



ROLL BAR KIT

58-2980-00K

The roll bar kit limits damage to the power unit in case of a roll over. The rugged tubular steel construction encompasses critical components of the power unit.



FLOW PRESSURE KIT

MF-15-09-O

The flow pressure kit comes standard in a durable storage case. It includes gauges and valves for testing working flows, supply pressure and return backpressure.

Specifications

Max. flow: 0–15 GPM

Max. pressure: 0–3000 PSI

Weight: 14 lb/ 6 kg

Dimensions (LxWxH): 19 x 7 x 7.25 inch/ 483 x 178 x 184 mm



SAW BLADES

4791-OOP / 4792-OOP

Custom formula to provide long life cutting.



IMPACT SOCKETS

CUSTOMIZED



SHEAR BLADE KIT

64-3584-OOK



DRILL BITS / CUTTERS

Many sizes available.



GRINDING STONES

Many sizes available.





EXPERIENCE AND QUALITY

PortaCo, Inc., is situated in Moorhead, Minnesota, USA. It has grown in over 35 years history from a manufacturer of hydraulic valves and manifolds to become a leading producer of hydraulic power units for a number of industries as well as hydraulic tools for the railway track construction and maintenance. We offer our customers standard as well as customized high quality products which are specifically characterized by their safe, ergonomic and reliable design. Our product portfolio is complemented by a high level of customer service.

We are part of the Goldschmidt Thermit Group – your global partner for all services for rails in the areas of Rail Joining, Rail Services, Measurement, Tools and Machines and Equipment.

MEMBER OF



GOLDSCHMIDT
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