

**SAW, DRIVE, PULL,
GRIND, CUT, CARRY,
TAMP, BOLT, WELD,
DRILL, TIGHTEN . . .**

**RAILWAY PRODUCTS:
MAINTENANCE OF WAY**

	CATEGORY	HYDRAULIC POWER TOOLS	
	YEAR	13-14	FORMAT PRODUCT CATALOG
	STANLEY		Hydraulic Tools

HYDRAULIC TOOLS

GREAT BRAND, GREAT TOOLS

Stanley Hydraulic Tools has a proud tradition of being a global leader in the development of a wide range of innovative hydraulic products used in a variety of industries and applications throughout the world. As a proud member of Stanley Black & Decker, a 165 year old company committed to the manufacture and distribution of quality tools for the professional, industrial, and consumer, we at Stanley Hydraulic Tools are dedicated to providing our customers with innovative customer-driven product designs, world class quality, unmatched product support, and superior value.

GLOBAL REPRESENTATION

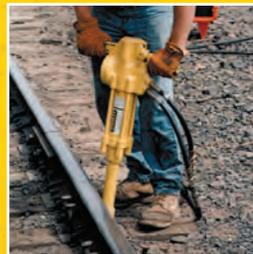
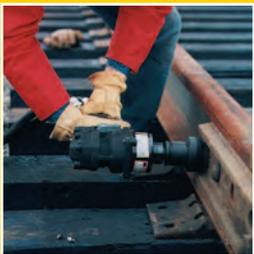
Stanley Hydraulic Tools produces an extensive line of products for use in construction, demolition, scrap processing, recycling, utilities, municipalities, railroads, industry, landscaping, underwater construction, and specialty trades in two North American manufacturing facilities. Additionally, Stanley Hydraulic Tools has sales offices and distributors throughout North America, Central America, South America, Europe, Asia, Australia, and Middle East.

OUR GOAL

Stanley Hydraulic Tools is committed to being a “great brand” through continuous innovation, excellence, quality, value and service.

Stanley Hydraulic Tools, a product group of The Stanley Works, is the world’s largest manufacturer of hydraulic tools and has led the industry in innovation, new product development, and customer service for over a quarter of a century.

Look for Stanley Hydraulic Tools to continue to strive to be the world’s number one source of products for the railroad industry with world class customer service.



STANLEY HYDRAULIC TOOLS

Located in Milwaukie, Oregon U.S.A., this business started as a partnership by brothers Edward L. and Clifford L. Ackley in 1947 as a jobbing shop. It was incorporated in 1955 as a manufacturer of air tools for plywood mills and tree trimming industries. Hydraulic tree trimming tools were added to the line in 1965. Since then, the hydraulic tool line has expanded rapidly. In 1970, Ackley became the leading manufacturer of handheld hydraulic tools for utility, construction, agricultural, underwater and government markets.

Ackley Manufacturing Company became a subsidiary of Stanley Black & Decker, New Britain, Connecticut, in 1972, and its name was changed to Stanley Hydraulic Tools, Division of Stanley Black & Decker, on January 1, 1974. In 1984, the company acquired HED, Inc. of Issaquah, Washington, the largest U.S. manufacturer of mounted hydraulic tools. In 1992, Stanley acquired LaBounty Manufacturing as a natural extension of its mounted tool lines.

Stanley Hydraulic Tools of Oregon specializes in the manufacture, sale and service of tools serving the railroad industry around the world.

Stanley's enviable new product development reflects its well honed, customer based process for getting truly innovative products from Research and Development to the work site.

Stanley understands that the railroad industry is hungry for new technology, fresh innovation, dedicated energy and a higher level of service related to tool manufacturing, distribution and support. This broad-based industry specific intelligence is the foundation for the Railroad Tools product line at Stanley Hydraulic Tools. Stanley Hydraulic Tools is also proud of its ISO 9001-2008, ISO 1401-2004, and OSHA 18001-2007 certifications.

MAJOR PRODUCT LINES MANUFACTURED INCLUDE:

- Railroad Track Maintenance Tools, Signal and Communication Tools, Catenary Tools
- Mounted Breakers and Compactors
- Hand Held Hydraulic Tools



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Stanley Hydraulic Tools, parts, and accessories are subject to design improvement, price, and specification changes at any time without notice and with no obligation to units already sold. Weights, dimensions, and operating specifications listed in this catalog are subject to change without notice. Where specifications are critical to your applications, please consult us.



SPIKE PULLER

MODEL SPL31



Stanley's new SPL31 Spike Puller offers automatic pull cycle (patent pending) to reduce kickback and improve ease of use. Its 34%** weight reduction directly reduces the physical demand/fatigue of the user. The reduction also gives the user improved control and ease of use. The new SPL31 side carry handle offers a portability, ease of use and ergonomics when carrying the puller 100-200 ft down the track. The SPL's side placement of the hose whips protects the couplers and whips from possible abuse and damage while still plumbing straight into the tool. 34%** weight reduction, increased handle durability, best-in-class ergonomics and overall improved value.

SPECIFICATIONS

- Weight:** 31 lbs* / 14 kg
- Length:** 32.75 in / 83.1 cm
- Handle Width:** 16.25 in / 41.29 cm
- Pulling Force:** 16,647 lbs / 7550 kg
- Flow Rate:** 5 - 10 gpm / 18 - 38 lpm
- Pressure:** 2,000 - 2500 psi / 137 - 172 bar

FEATURES

- Automatic cycle.
- Redesigned handle.
- New side carry handle.
- Industry-leading pulling force.
- New Engineered seal design - 60%** increase in life.
- Redesigned lower shute - decreased weight.

ORDER INFORMATION

Model	Description	Weight	Included Equipment
SPL31A	Spike Puller, Lightweight, Automatic Cycle	31 lbs*	Hose Whips and Couplers
SPL31	Spike Puller, Lightweight, 2-Stage Cycle	31 lbs*	Hose Whips and Couplers
SP48100	Spike Puller, Open-Center, 2-Stage Valve	46.2 lbs *	Hose Whips and Couplers

OPTIONAL EQUIPMENT

- 34876 - Hair Pin

Tool weight is wet without whips and couplers.

**Compared to the Stanley SP48



SPIKE DRIVERS

SPIKE DRIVER

MODEL SD67



Stanley's SD67 Spike Driver provides a strong level of performance for the toughest applications. The anti-vibration handle and the two length options, help reduce operator fatigue.

SPECIFICATIONS

Weight: 70 lbs / 31.8 kg

Length: 28.75 or 32.25 in. / 73 or 82 cm

Width at Handles: 18 in. / 45.8 cm

Hyd. Pressure: 2000 psi / 140 bar

Flow Range: 5-10 gpm / 20-38 lpm

Max. Back Pressure: 250 psi / 17 bar

Cup Width: 2.9 in. / 7.4 cm

FEATURES

- Anti-Vibration Handle isolates the tool's vibration, further reducing operator fatigue.
- Two length options are available which allow operator to stand in a fully-upright position for better comfort.
- Interchangeable Anvil Cups adapt for cut, hairpin, and dome-head spikes, providing greater versatility from a

single tool.

- 1300 Blow-Per-Minute design makes quick work of any spike being driven-even in the hardest ties.
- Feathering On/Off Valve allows the operator to control the output energy of the tool, providing more control and ease of handling.
- Diaphragm-Type Accumulator design provides for ease of maintenance and extended service life of the tool.

ORDER INFORMATION

Model	Description	Included Equipment
SD67121	Anti-Vibration Handle Spike Driver, 28-3/4 in. Overall Length	Interchangeable Cups, Hose Whips, Flush-Face Couplers
SD67131	Anti-Vibration Handle Spike Driver, 32-1/4 in. Overall Length	Interchangeable Cups, Hose Whips, Flush-Face Couplers

OPTIONAL EQUIPMENT

Part Number	Description
25525	Cut-Spike Cup
23345	Hairpin-Spike Cup
23344	Dome-Spike Cup



TIE TAMPER

MODEL TT46



The TT46133 Tie Tamper's spring-dampened anti-vibration handle isolates the tool's vibration which reduces operator fatigue and increases productivity.

The feathering On/Off valve allows the operator to control the output energy of the tool, providing more control and ease of handling.

The TT46133 Model has a spring-loaded bit keeper allows the bit to be backed out even when driven deeply into the ballast.

SPECIFICATIONS

Weight: 54 & 56 lbs / 24 & 25 kg

Length: 54 & 56 in. / 98.4 & 100.9 cm

Width at Handles: 14 & 17 in. / 35.66 & 44 cm

Hyd. Pressure: 2000 psi / 140 bar

Flow Range: TT46133 - 4-6 gpm / 15-22 lpm

TT46233 - 7-9 gpm / 26-34 lpm

Max. BackPressure: 200 psi / 14 bar

Blows Per Minute: 1,500

Standard Shank Size: 7/8 x 2-9/16 in. / 22.2 x 65 mm

FEATURES

- Spring-dampened anti-vibration handle.
- Feathering On/Off valve.
- Spring-loaded bit keeper.
- 1500 blows per minute.

OPTIONAL EQUIPMENT

- TT Steel
- 4 in. x 18 in. HD
- 4 in. x 21 in. HD
- Anti-Vibration Handle Conversion Kit



Simple Bit Interchangeability



ORDER INFORMATION

Model	Description	Included Equipment
TT46133	Anti Vibration Handle Tie Tamper, Heavy Duty (5 gpm), CE	Couplers, Hose Whips, 21 in. Steel
TT46233	Anti Vibration Handle Tie Tamper, Heavy Duty (10 gpm)	Couplers, Hose Whips, 21 in. Steel

IMPACT WRENCHES

IMPACT WRENCH

MODEL IW12



SPECIFICATIONS

Weight: 18 lbs / 8 kg
Length: 9.5 in. / 24 cm
Width: 4 in. / 10 cm
Capacity: 3/4 in. / 1.9 cm Square Drive
Flow Range: 4-12 gpm / 15-45 lpm
Pressure: 1000-2000 psi / 70-140 bar
Torque: 250-1200 ft lbs / 340-1632 Nm

FEATURES

- Adjustable impact intensity.
- Swing-hammer design.
- Larger feathering trigger.
- Standard reversing valve.
- Handle coating transmits less heat.

ORDER INFORMATION

Model	Description	Included Equipment
IW12140S	3/4 in. Square Drive	HTMA Flush-Face Couplers, Hose Whips
IW1214001	3/4 in. Square Drive	HTMA Flush-Face Couplers, Hose Whips, CE

SPECIFICATIONS

Weight: 26 lbs / 11.8 kg
Length: 14.5 in. / 36.8 cm
Width: 4.5 in. / 11.4 cm
Capacity: 7/16 in. or 1/2 in.
Flow Range: 12 gpm / 45 lpm
Pressure: 1000-2000 psi / 70-140 bar
Torque: 500-2500 ft lbs / 680-3400 Nm

FEATURES

- Adjustable impact intensity.
- Swing-hammer mechanism.
- Large "D" handle and feathering On/Off valve.
- Standard reversing valve.
- Available Extended Handle Mechanism.

ORDER INFORMATION

Model	Description	Included Equipment
IW16150S	1 in. Square Drive	HTMA Couplers and Hose Whips

OPTIONAL EQUIPMENT

- Adapter, 1 in. to 3/4 in. Drive
- 10 in. Extension, 3/4, 1 in. Drive
- Remote Handle Assembly
- Railroad Socket Set, 1 in. Square Drive
- Socket Pin
- Socket Ring

IMPACT WRENCH

MODEL IW16



Stanley's hydraulic impact wrenches are world renowned for their adjustable impact intensity settings allowing for a wide range of uses. The rugged design incorporates an integral motor and heavy-duty mechanism for the rigors of track maintenance use. The power-to-weight ratio of these products are un-matched by any impact wrench on the market in their class.



RAIL DRILL

MODEL RD12



Note: Rail Drills do not operate without bits.

The power of the RD12 when used in conjunction with our exclusive indexable carbide tipped bits easily drills both hardened and standard rail with the same tool, providing the lowest cost per hole available on the market.

SPECIFICATIONS

Weight: 58.5 lbs / 26.5 kg

Length: 28 in. / 71.1 cm

Width: 8 in. / 20.3 cm
Water Capacity: 2 gallons / 7.6 liters
Flow Range: 8-10 gpm / 30-38 lpm
Pressure: 2000 psi / 140 bar
Feed Rate per Revolution: .0013 in. / .03 mm

FEATURES

- Lightweight aluminum construction.
- Preset integrated water flow control.

- Over-center clamp design.
- Tool rack for extra bits.
- Automatic water/coolant control valve

OPTIONAL EQUIPMENT

- Bits 1 in. - 1-9/16 in. (22 mm - 36mm)
- Indexable Carbide Tips
- Templates
- Hose Whips



ORDER INFORMATION

Model	Description	Included Equipment
RD12101	Rail Drill with Water Tank, CE	Couplers and Torx Driver

Stanley offers a wide variety of its exclusive Indexable Carbide tipped bits.

RAIL SAW

RAIL SAW

MODEL RS25



Model RS25103 Shown

Stanley's RS25 Rail Saw with its bell-crank style clamp design provides positive, rigid locking to all types of rail for quick and accurate set-up.

The ergonomic long saw arm is standard with the RS25 and allows the operator full use of the tool in a standing position. The indexable swivel on the clamp arm and saw, allows cutting on both sides of the rail, eliminating the need to disconnect from and re-connect to the saw clamp.

SPECIFICATIONS

- Saw & Clamp Weight:** 56 lbs / 25 kg
- Saw Weight:** 33 lbs / 15 kg
- Length w/o Wheel:** 36 in. / 92 cm
- Width:** 11 in. / 28 cm
- Depth:** 18 in. / 46 cm
- Flow Range:** 8-10 gpm / 30-38 lpm
- Pressure:** 2000 psi / 140 bar
- Spindle Speed:** 4000 RPM w/ 16 in. Wheel
4500 RPM w/ 14 in. Wheel

FEATURES

- Bell-crank style clamp design.
- Ergonomically designed long saw arm.

- Lockable lower arm significantly reduces operator effort.
- Indexable swivel on the clamp arm.
- Tamper-proof speed control.
- Sealed bearings in arm and pivot joints.
- Available in 14 and 16 inch models.
- Cast aluminum construction.
- Integrated retractable blade position guide.

OPTIONAL EQUIPMENT - RAIL SAW BLADES

- 16 in. Norton Norzone III Fastcut
- 16 in. Norton AT-36
- 14 in. Norton Norzone III Fastcut
- Universal Bell Crank Kit



Rail Clamp



ORDER INFORMATION

Model	Description	Included Equipment
RS25103	16 in.	Clamp, Couplers and Hose Whips
RS25113	14 in.	Clamp, Couplers and Hose Whips

TRACK JACK

MODEL TJ10



SPECIFICATIONS

Weight: 43.5 lbs / 19.7 kg
Base Length: 11 in. / 27.9 cm
Height (Collapsed): 14.5 in. / 36.8 cm
Stroke (Total Lift): 8.9 in. / 22.6 cm
Lifting Capacity: 10 Tons / 9,072 kg
Amount of Travel per Pump Stroke: .15 in. / 3.8 mm

FEATURES

- Narrow bridge model available.
- One piece forged base.
- Low pump handle effort.

ORDER INFORMATION

Model
TJ10111M, Integral Pump, Hydraulic Jack w/ Pump Handle
TJ10112M, Integral Pump, Narrow Base Bridge Jack

The Tool Exchange Valve is intended to function as a momentary on/off valve that, when plumbed between a tool and the end hose, will allow the end user to change tools without having to turn off the hydraulic circuit.

In the "On" position, hydraulic flow will flow through the valve to the tool, allowing the tool to operate normally. In the "Off" position, hydraulic flow will be blocked at the valve, allowing the tool to be disconnected and an alternate tool to be attached. Shifting the valve back to the "On" position will resume hydraulic flow to the alternate tool.

NOTE: With constant flow (open center) hydraulic systems, shifting the valve to the "off" position will force all hydraulic flow through the system's relief valve. It is therefore intended

for tool exchange only and should not be left in the "off" position for longer than 30 seconds.

SPECIFICATIONS

Length: 3 in. / 76.2 mm
Width: 1.5 in. / 38.1 mm
Height: 3.75 in. / 95.25 mm
 (Valve only - does not include hose whips and couplers)

FEATURES

- Low friction seals
- Seal wipers on the on / off spool
- Replaceable seal caps
- Hardened, Stainless steel spool

TOOL EXCHANGE VALVE



Stanley's track jacks are the best jacks available with untouchable power-to-weight ratios and impressive lifting capacity.



DRILLS

DRILL

MODEL DL07



The DL07 Drill is ideal for drilling holes in wood, metal and masonry. It features instant reverse for high reliability and efficiency in all types of drilling applications.

SPECIFICATIONS

Weight: 6 lbs / 2.7 kg
Length: 9 in. / 23 cm
Capacity: 1/2 in. Chuck / 12 mm Chuck
Max. Flow: 12 gpm / 45 lpm
Max. Pressure: 2000 psi / 140 bar

FEATURES

- Hyvrevz™ gear-type motor.
- Oversized feathering trigger.
- Increased operator comfort.
- Dual position Assist Handle.
- Built-in reverse flow check valve.
- Handle coating transmits less heat.

SPEED/HYD. FLOW

350 rpm @ 3 gpm / 11.3 lpm
 475 rpm @ 4 gpm / 15 lpm
 750 rpm @ 6 gpm / 23 lpm
 1000 rpm @ 8 gpm / 30 lpm
 1250 rpm @ 10 gpm / 38 lpm

ORDER INFORMATION

Model	Description	Included Equipment
DL07550	OC/CC, Dual Spool, 1/2 in. Chuck	Trigger Guard, Assist Handle, Couplers
DL0755001	OC/CC, Dual Spool, 1/2 in. Chuck, CE	Trigger Guard, Assist Handle, Couplers
DL07572S	Dual Spool, 5/8 in. Chuck	Trigger Guard, Assist Handle, Couplers

OPTIONAL EQUIPMENT

- 7/16 in. Shank Carbide Tipped Augers
- 9/16, 11/16, 13/16 in. Dia, 8 in. Twist, 12 in. OAL
- 9/16, 11/16, 13/16, 15/16, 1-1/16 in. Dia, 12 in. Twist, 16 in. OAL
- 9/16, 11/16, 13/16, 15/16, 1-1/16 in. Dia, 18 in. Twist, 22 in. OAL
- 11/16 in. Dia, 32 in. Twist, 36 in. OAL
- 13/16 in. Dia, 36 in. Twist, 48 in. OAL
- 13/16 in. Dia, 15 in. Twist, 18 in. OAL

The ID07 Impact Drill/Wrench delivers impact torque of up to 500 ft lbs (675 Nm). It is capable of breaking loose some of the toughest bolts and nuts. The ID07 can drive wood augers into the hardest salt-cured or creosote-treated poles without reaction torque to the operator.

SPECIFICATIONS

Weight: 7 lbs / 3.3 kg
Length: 8.5 in. / 21.6 cm
Capacity: 7/16 in. or 1/2 in.
Max. Flow: 12 gpm / 45 lpm
Max. Pressure: 2000 psi / 140 bar

FEATURES

- Hyvrevz™ gear-type motor.
- Swing-hammer mechanism.
- 7/16 in. hex quick-change chuck or 1/2 in. square drive.
- Built-in reverse flow check valve.
- Handle coating transmits less heat.

ORDER INFORMATION

Model	Description	Included Equipment
ID0781001	7/16 in. Quick Change Chuck, CE	Couplers
ID07810S	7/16 in. Quick Change Chuck	Couplers
ID07815	7/16 in. Quick Change Chuck	Trigger Guard
ID07820	1/2 in. Square Drive	Trigger Guard, Couplers
ID0782001	1/2 in. Square Drive, CE	Couplers

OPTIONAL EQUIPMENT

- Adapter, 7/16 Male Hex x 1/2 Male Square
- Adapter, 1/2 Female Square x 5/8 Hex QC
- Lineman's Socket, 13/16, 15/16, 1, 1-1/8
- Impact Socket Set, 1/2 Sq Drive, 8-Point, Deep Sockets (Includes Vinyl Holder & 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1-1/16)
- 7/16 in. Shank Carbide Tipped Augers
- 9/16, 11/16, 13/16 in. Dia, 8 in. Twist, 12 in. OAL
- 9/16, 11/16, 13/16, 15/16, 1-1/16 in. Dia, 12 in. Twist, 16 in. OAL
- 9/16, 11/16, 13/16, 15/16, 1-1/16 in. Dia, 18 in. Twist, 22 in. OAL
- 11/16 in. Dia, 32 in. Twist, 36 in. OAL
- 13/16 in. Dia, 36 in. Twist, 48 in. OAL
- 13/16 in. Dia, 15 in. Twist, 18 in. OAL

DRILL

MODEL ID07



POWER UNIT

MODELS GTR09 / GTR20



The Hydraulic power to operate Stanley's line of hydraulic railroad tools compact design is ideal for all your on-site hydraulic power needs. The ultra efficient hydraulic tool circuit cooling provides comfortable tool operation even in the most demanding environments.

SPECIFICATIONS

Weight: 330 lbs / 150 kg
Length: 35 in. / 90 cm
Width: 23 in. / 59 cm
Height: 29 in. / 74 mm
Pressure: 2000 psi / 140 bar
Fuel Capacity: 5.5 gal. / 24 liter

FEATURES

- Compact and lightweight.
- Computerized electronic throttle control.
- In-tank hydraulic filtration.
- Pressurized engine oil lubrication.
- Locking handle.
- Electric Start.



GTR20

ORDER INFORMATION

Model	Description	Included Equipment
GTR20B02	(1), 10 gpm / 38 lpm or (2), 5 gpm / 20 lpm 18 hp Briggs & Stratton (Gas Powered)	Auto Throttle, Wheels and Handles
GTR20B06	Skid Mount, (1), 10 gpm / 38 lpm or (2), 5 gpm / 20 lpm 18 hp Briggs & Stratton (Gas Powered)	Auto Throttle, Wheels and Handles

OPTIONAL EQUIPMENT

- 12 Volt accessory outlet.



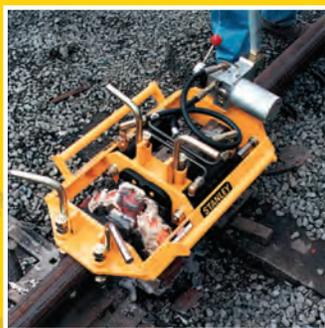
WELD SHEAR

WELD SHEAR

MODEL WS10



WS10321A



Stanley's powerful yet light-weight Weld Shear is the ideal tool for shearing thermite welds with a shearing force of over 20,000 lbs (89,000 Nm).

The WS10's efficient design allows welds to be sheared prior to dismantling the weld mold, decreasing the time to set up and increasing productivity.

The in-line pump handle eliminates rocking of the shear on the rail during shearing operation.

SPECIFICATIONS

Weight: 90 lbs / 41 kg

Length: 29 & 32.5 in. / 73.7 & 82.5 cm
for WS10301 and WS10200, 28 in / 71 cm

for WS1032101A

Width: 19.5 in. / 49.5 cm

Hyd. Pressure: 2000 psi / 140 bar

Flow Range: 3-10 gpm / 12-38 lpm

Shear Force: 20,000 lbs / 89,000 Nm

FEATURES

- 10 Ton / 9 Metric Tons shearing force.
- Efficient hand pump.
- In-line handle.
- Controls placed away from shear for operator safety.
- 4 self-locking hold downs.
- Replaceable rollers.

ORDER INFORMATION

Model	Description	Included Equipment
WS10321A	Lightweight Weld Shear	Blade Set "A" (132 lb Rail - 27948)
WS10321AB	Lightweight Weld Shear	Aero Quip Couplers, Blade Set "A" (132 lb Rail - 27948)
WS1032101A	Weld Shear (CE Power Unit)	
WS1022001A	Weld Shear Hand Pump, CE	
WS102200A	Weld Shear Hand Pump, Light Weight	Blade Set "A" (132 lb Rail - 27948)

OPTIONAL EQUIPMENT

Item No.	Description
27948	Blade Set A (105 - 155 lb / yd [47 70 kg / M] Rail*)
27989	Blade Set B (60 - 130 lb / yd [41 - 60 kg / M] Rail*)
35742	Blade Set C (60 - 90 lb / yd [36 - 60 kg / M] Rail*)

* Depends on Rail Type

FROG GRINDER

MODEL FG10



SPECIFICATIONS

Wheel Capacity: 6 in. / 15 cm
Arbor Size: 5/8 in. - 11
Optimum Flow: 10 gpm / 38 lpm
Hyd. Pressure: 2000 psi / 140 bar
Spindle Speed: 4000 RPM
Length: 44 in. / 112 cm
Width: 10.5 in. / 27 cm
Weight: 85 lbs / 41 kg

OPTIONAL EQUIPMENT

- Grinding Stone

FEATURES

- Upright handle for ergonomic operation.
- 3-position pivot at both ends allows for 3 separate grinding operations.
- Interlocking, full length, bail type safety trigger.
- Sealed height adjustment mechanism for infinite angle adjustment.
- Removable wheel guard for easy access to the grinding wheel.
- Built-in speed control.
- Extension for Grinding Frog Points
- Spark Guard

ORDER INFORMATION

Model	Description	Included Equipment
FG10110	Frog Grinder	Couplers

PROFILE GRINDER

MODEL PG10



SPECIFICATIONS

Wheel Capacity: 6 in. / 15 cm
Arbor Size: 5/8 in. - 11
Optimum Flow: 10 gpm / 38 lpm
Hyd. Pressure: 2000 psi / 140 bar
Spindle Speed: 4000 RPM
Length: 44 in. / 112 cm
Width: 20 in. / 51 cm
Weight: 118 lbs / 53.5 kg

ORDER INFORMATION

Model	Description	Included Equipment
PG10110	Profile Grinder w/ Shaft Wrench	Couplers, Shaft Wrench

FEATURES

- Upright handle for ergonomic operation.
- Adjustable flange wheels ensure grinding accuracy.
- Interlocking, full length, bail type safety trigger.
- Removable wheel guard for easy access to the grinding wheel.
- Built-in speed control.

OPTIONAL EQUIPMENT

- Grinding Stone
- Spark Guard

The FG10 Frog Grinder is ideal for grinding frogs, rail ends or mismatched rail. While the PG05 and PG10 Profile Grinders are designed to grind a wide range of rail from 90 to 141 pound.



GRINDERS

GRINDER

MODEL GR60



SPECIFICATIONS

Wheel Capacity: 6 in. / 15 cm
Arbor Size: 5/8 in. -11
Optimum Flow: 10 gpm / 38 lpm
Hyd. Pressure: 2000 psi / 140 bar

Spindle Speed: 4000 RPM
Length: 18 in. / 46 cm
Width: 10.5 in. / 27 cm
Weight: 20 lbs / 9 kg

OPTIONAL EQUIPMENT

- Grinding Stone

ORDER INFORMATION

Model	Description	Included Equipment
GR60121S	6 in. Grinder w/ Counter-Clockwise Rotation	Couplers and Hose Whips

SPECIFICATIONS

Wheel Capacity: 2.5 in. Cone
Arbor Size: 5/8 in. -11
Optimum Flow: 10 gpm / 38 lpm
Hyd. Pressure: 2000 psi / 140 bar

Spindle Speed: 5500 RPM
Length: 23 in. / 59 cm
Width: 3.3 in. / 8 cm
Weight: 11 lbs / 5 kg

OPTIONAL EQUIPMENT

- Grinding Stone

GRINDER

MODEL HG60



ORDER INFORMATION

Model	Description	Included Equipment
HG60130B	2-1/2 in. Diameter Bull Nose Grinder	Couplers and Hose Whips

GRINDER

MODEL HG80



SPECIFICATIONS

Wheel Capacity: 8 in. / 20 cm
Arbor Size: 5/8
Optimum Flow: 10 gpm / 38 lpm
Hyd. Pressure: 2000 psi / 140 bar

Spindle Speed: 5500 RPM
Length: 23 in. / 59 cm
Width: 10 in. / 25 cm
Weight: 14 lbs / 6 kg

OPTIONAL EQUIPMENT

- Grinding Stone

ORDER INFORMATION

Model	Description	Included Equipment
HG80110B	Horizontal Grinder w/Counter-Clockwise Rotation, 8 in. Wheel	Couplers and Hose Whips
HG80120B	Horizontal Grinder w/Clockwise Rotation, 8 in. Wheel	Couplers and Hose Whips

FEATURES

- Highest power-to-weight ratio in the industry.
- Designed to match power/rpm to specific applications.
- Interlocking trigger prevents accidental engagement.
- Built-in flow control prevents excessive spindle speed.
- Rugged lightweight construction.

The GR60 Cup Stone Grinder was designed to meet rugged grinding needs while the HG60 Bull Nose Grinder is ideal for grinding and de-burring drilled holes in rail. The HG80 provides an ideal grinding tool from cleaning up a thermite weld to grinding a radius on frogs.



ROBOTIC WELDER

MODEL RW30



Model RW30110 Robotic Welder Shown

The Patented RW30 Robotic Welder is a computer controlled welder. It is ideal for repairing rails or frogs. The RW30 provides consistent high quality welds.

SPECIFICATIONS (RW30110)

Weld Zone Length: 15.75 in. / 40 cm

Weld Zone Width: 13.75 in. / 34.9 cm

Weld Speed (Estimated): 5.0 in./minute / 32 cm/minute

Weld Travel Speed: 7.8 to 15.7 in./minute / 19.8 to 39.8 cm/minute

Weight: 65 lbs / 29.5 kg

Length (Less Handles): 25.6 in. / 650 mm

Width: 29 in. / 740 mm

Height: 16 in. / 400 mm

Input Power Required: 115-230 V / 50-60 Hz

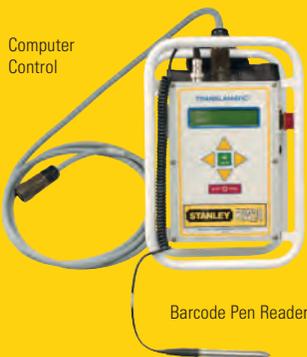
FEATURES

- Eliminates operator exposure to weld fumes.
- Records all welding events into memory for later download to PC.
- Memory adapter, PC adapter, and software available as an option.
- Automated control provides consistent welds.
- Weld bead, patterns, and dimensions all electronically controlled.
- Automatic call-up from memory.
- Rugged lightweight construction.

ORDER INFORMATION

Model	Description	Included Equipment
RW30110	Robotic Welder, 400 mm Travel, No Wire Feed	Frog Clamps, Clamps, Stick Out Gauge, Computer Control
RW30112	Robotic Welder, 400 mm Travel, No Wire Feed	Above with Heater for cold weather operation
RW30120	Robotic Welder, 1000 mm Travel, No Wire Feed	Frog Clamps, Clamps, Stick Out Gauge, Computer Control

INCLUDED WITH ALL MODELS



Computer Control

Barcode Pen Reader



Stick-out Gauge

OPTIONAL EQUIPMENT

- Welding Generators
- Cable to Rail Clamps
- Welding Wire
- Rail Preheaters
- Angle Head
- Track Wheel Kit
- PC Software
- Pull Gun
- Carbon Frog Inserts
- Wire Feeders
- PC Hardware
- Roll 'un Roll



TRAC HORSE

TRACHORSE

MODEL MHP3



The TracHorse is an all-terrain, self-propelled mobile hydraulic tool and equipment carrier that allows transportation of tools and equipment in most job site environments. Simple operating controls allow for maneuvering in a wide range of applications. The auxiliary hydraulic tool circuit is designed for continuous-duty applications and features the standard high-efficiency cooling found on all Stanley hydraulic power units.

SPECIFICATIONS

Load Capacity: 1000 lbs / 454 kg
Travel Speed: Low Speed - 1.55 mph / 2.5 km/h
High Speed - 2.8 mph / 4.5 km/h
Weight: 1125 lbs / 510 kg
Length: 78 inches / 198 cm
Width: 36 inches / 92 cm
Height: 43 inches / 109 cm
Pressure: 2000 psi / 38 bar
Flow Range: Twin Circuit - 2 @ 5 gpm / 20 lpm
or 1 @ 10 gpm / 38 lpm
Connect Size & Type: Flush-Face Couplers
Fuel Capacity: 5.5 gallons / 21 liters
Hydraulic Capacity: 3 gallons / 11 liters
Engines: OHV Gas or Kohler/Ruggerini 19 hp Diesel

FEATURES

- Self-Propelled - Mobile hydraulic tool and equipment carrier that transports tools and equipment in most job-site environments.
- Simple Operating Controls - Allows for a wide range of applications.
- Two Speed Track Drive.
- Work Lights.
- Opening Tailgate.
- Auxiliary Hydraulic Tool Circuit - Is designed for continuous-duty applications and features the standard high-efficiency cooling found on all Stanley hydraulic power units.
- Climbs 60% grade.
- Carries 1,000 lbs / 454 kg.

ORDER INFORMATION

Model	Description
MHP32242100	Twin Circuit, Honda Engine
MHP32342100	Diesel Engine



CHAIN SAW

MODEL CS06



The CS06 Chain Saw offers the highest power-to-weight ratio of any chain saw on the market today. All models feature interlocking triggers, hand guards, low kick-back bars and chains.

Because hydraulic power doesn't require a flywheel to smooth power pulses, there is no chain coasting when the trigger is released.

The CS06 pistol-grip chain saw is ideal for timber tie/sleepers.

SPECIFICATIONS

Weight: 6.25 lbs / 2.8 kg (w/o bar)

Length (Less Bar): 14 in. / 36 cm

Width: 9 in. / 23 cm

Capacity: 12, 15, 20 in. / 30, 38, 51 cm

Pressure: 1000-2000 psi / 70-140 bar

Flow Range: 7-9 gpm / 26-34 lpm

Optimum Flow: 8 gpm / 30 lpm

FEATURES

- Low kick-back.
- Wide variety of bar lengths.
- Operate from open or closed-center circuits.
- Highest power-to-weight ratio.
- Operates on both Type I and II hydraulic circuits.
- Underwater models available.
- No chain coasting.

ORDER INFORMATION

Model	Description	Included Equipment
CS06610	OC/CC, 12 in. cut	Bar and Chain
CS06620	OC/CC, 15 in. cut	Bar and Chain
CS06630S	OC/CC, 20 in./51 cm	Couplers, Bar and Chain

OPTIONAL EQUIPMENT

- Saw Chain, 20 in./51 cm Bar (.325 in. Pitch) (p/n 07642)
- File Guide with File (p/n 07935)
- Saw Bar, 20 in./51 cm (.325 in. Pitch) (p/n 07639)
- Rim Sprocket, 7-Tooth (p/n 07629)



ECONNECT PIN BRAZE UNIT

The New Generation of Pin Brazing Units



- Lightweight - 21.6 lbs - 60% Lighter
- 20% lower energy consumption
- Green - lead free battery
- Battery with nano technology
- Fully charged in 2 - 3 hours
- Increased efficiency per charge
- High capacity - 50 brazings per charge - 25% increase
- Prepared for SafeBond® 1

**New Lightweight and digitized pin brazing unit.
ECONNECT reaches a whole new level of performance.**

ECONNECT PACKAGE

Part Number	Description
72970	ECONNECT Unit
72971	S-15 Automatic Brazing Gun
72972	Charger 36V / 110V f. ECONNECT 6.7A - 110V
72973	Carrying Strap
72790	Grinder
72974	Carrying Case
72975	ECONNECT Kit - (All of the Above)

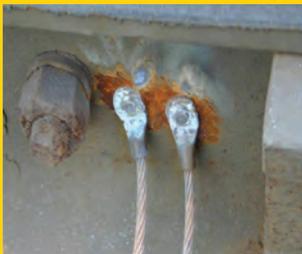
EP 30 PIN BRAZE UNIT



- Low Transition Resistance - Only 5 microhms / brazed joint (0.000005 ohm)
- High Mechanical Strength - Binding strength 71,000 psi, shear strength 35,550 psi, maximum load 5,000 N
- Low Brazing Temperature - Braze material melts at 1227 degrees F / 650 degrees C
- Very Quick Method - A braze takes about 2 seconds, a bond with 2 brazings plus grinding takes less than 2 minutes
- Easy to use
- Works in all weather conditions



BG10100



SPECIFICATIONS

	BG10 Gun	EP30
Voltage	36 Volts	36 Volts
Braze Capacity	N/A	40 - 60
Weight	2.5 lbs / 1.1 kg	44 lbs / 20 kg
Length	8.5 in / 21.5 cm	12.4 in / 92 cm
Width	2.75 in / 6.9 cm	8.6 in / 22 cm
Height	6.5 in / 16.5 cm	15.7 in / 40 cm

ACCESSORIES

Part Number	Description
35808	Carbide Burr
35810	Grinding Wheel
35806	Carrying Harness
35818	Extension Cable, BG10 Gun
35824	Hole Punch Tool, 8 mm
52633	Rotary Carbide Burr
39434	Battery 30 AHF EP60
35866	Battery Charger
41769	Battery Charger 20 AMP, 36 Vdc Plug
35867	Genesis Battery Model #G13EP (EP30)

Part Number	Description
35826	Pin Holder for 8 & 9.5 mm
35825	Extra Long Pin Holder & Ring
35830	Ring Holder 8 & 9.5 mm
37945	Extra Long Pin & Ring Holder, BG10 Gun
Brazing Pin	Contact Stanley Hydraulic Tools for Complete List
Ceramic Ring	
Bond / Bond Wire	
Lugs	
Safebond	
Kits	

PADLOCKS

PADLOCK

MODELS 83-3 / 83-2 / 83-1



FEATURES

- Strong Powdered Metal Steel Body – Built up around cylinder for added protection against attack. Electroless nickel plated inside and out.
- Case hardened or stainless steel shackles offer maximum pull resistance
- Pick resistant rotating disc cylinder is top loaded for protection against attack.
- Factory controlled high strength keys and blanks prevent unauthorized key duplication. For extra security, key is retained when lock is open.



Model	Shackle Diameter	Shackle Material	Body Width	Body Thickness	Body Height	Total Height	Shackle Clear		Wt. Lbs.
							Vertical	Horizontal	
80	9/16	Case Powdered Steel Body	2-3/4	1-13/32	2	4-7/16	1-7/8	1-1/4	1
81-1	9/16	Case Hardened Steel	2-3/4	1-13/32	2	4-7/16	1-7/8	1-1/4	1
83-1	3/8	Case Hardened Steel	1-7/8	1-1/8	1-7/8	3-3/8	1-1/8	13/16	.88
83-2	3/8	Case Hardened Steel	1-7/8	1-1/8	1-7/8	4-1/4	2	13/16	.97
83-3	3/8	Case Hardened Steel	1-7/8	1-1/8	1-7/8	5-1/4	3	13/16	.99
83-4	3/8	Stainless Steel	1-7/8	1-1/8	1-7/8	3-3/8	1-1/8	13/16	.88
83-5	3/8	Stainless Steel	1-7/8	1-1/8	1-7/8	4-1/4	2	13/16	.97
83-6	3/8	Stainless Steel	1-7/8	1-1/8	1-7/8	5-1/4	3	13/16	1.0

Model 81 (5) Disc Padlocks available keyed alike (KA) or keyed different (KD).
 Model 83 (6) Disc Padlocks available keyed alike (KA) or keyed different (KD).
 Note: All dimensions in inches.

Case hardened steel shackle.

Powdered metal steel body construction is electroless nickel plated inside and out.

Fluorocarbon o-ring.

To protect the lock from physical attack, the body is built up around the cylinder with a narrow shoulder to reduce the leverage point.



Unlike other locks, The Environmental Padlock's top-loaded cylinder cannot be extracted from the bottom. The cylinder can only be accessed when the shackle is in the unlocked and open position.

Dual deadlocking shackle.

Pick resistant disk cylinder.

MAXFORCE SERIES BREAKERS

The seven MaxForce Breaker models feature industry leading design innovations including a patented valving system which provides unmatched performance and durability, a unique, direct-acting nitrogen chamber that results in increased impact force with the simplicity of only two moving parts and a rugged housing and powercell designed to excel in the most demanding applications. Stanley's MaxForce Series Breakers are ideal for construction, demolition and quarry applications.



SERIES 6 BREAKERS

Stanley Series 6 Mounted Breakers feature design elements and benefits directly prescribed by end users around the world. Series 6 Breakers include breakers in the impact energy classes from 175 ft-lb. to 875 ft-lb. Designed for attaching to various sizes of skid steers, mini excavators and tractor / loader / backhoes. The Series 6 Breakers are ideal for breaking concrete and other tough materials in all types of construction.



CYCLONE DROP HAMMER

The Cyclone Drop Hammer is hands down, pound for pound, the most productive tool for breaking concrete flatwork. It is extremely simple to install, use and maintain. The Cyclone can be mounted to skid steers, small excavators and rubber tire backhoe loaders. Since it sits directly on top of the material using no down pressure, the energy produced by the hammer's drop is concentrated on the material itself, causing very little shock energy to go back into the machine. This significantly reduces fatigue to the machine and the operator.



HSX MOUNTED COMPACTORS

Stanley HSX Mounted Compactors are available to match applications requiring 2,500 to 22,000 pounds of vibratory force. The complete line includes models to fit virtually any base machine from skid steers and mini-excavators to crawler excavators. The rugged construction of Stanley HSX Mounted Compactors features direct drive, heavy duty gear motor and patented baseplate design with outboard rubber shock mounts to ensure longer service life.



HANDHELD HYDRAULIC TOOLS

Hydraulic Handheld Tools from Stanley increase job versatility and get the job done quickly, effectively and quietly. Hydraulic power is the most efficient power of any traditional power source with the highest power-to-weight ratio of any power tool. Our handheld line of tools can be powered from a variety of hydraulic power sources such as backhoes, aerial lifts, dump trucks and Stanley Hydraulic Power Units, including our new mobile tool and equipment carrier – the TracHorse.



For more information on Stanley Hydraulic Tools, please call our Milwaukie, OR facility at: **800-972-2647** or visit our web site at: **www.stanleyhydraulic.com**

Your Authorized Stanley Dealer

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