

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

YOUR WAY DOWN THE TRACK.

**RAILWAY PRODUCTS:
MAINTENANCE OF WAY**

	CATEGORY	HYDRAULIC & GAS POWER TOOLS		
	YEAR	09-10	FORMAT	PRODUCT CATALOG
	STANLEY		Hydraulic Tools	

Your Authorized Stanley Dealer

STANLEY

Hydraulic Tools

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RMW1208/47991

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 the Stanley Works, 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

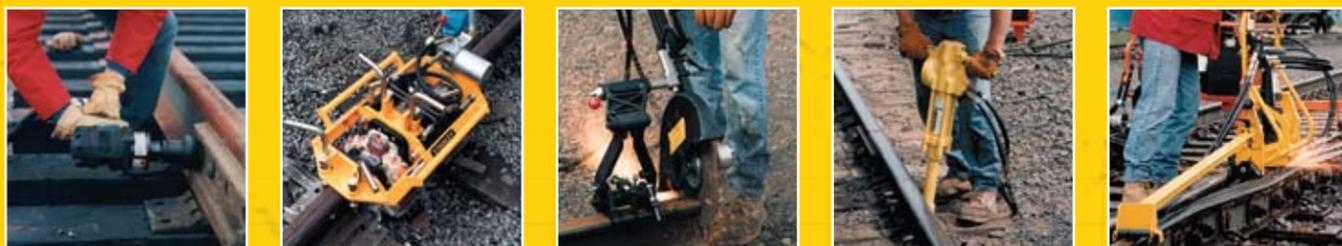
Stanley Hydraulic Tools produces an extensive line of products for use in construction, demolition, scrap processing, recycling, utilities, municipalities, railroads, industry, landscaping, underwater construction, and specialty trades in two North American manufacturing facilities. Additionally, Stanley 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 the Stanley Works, New Britain, Connecticut, in 1972, and its name was changed to Stanley Hydraulic Tools, Division of The Stanley Works, 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 9001-2000, ISO 1401-2000, and OSHA 18001-1999 certifications.

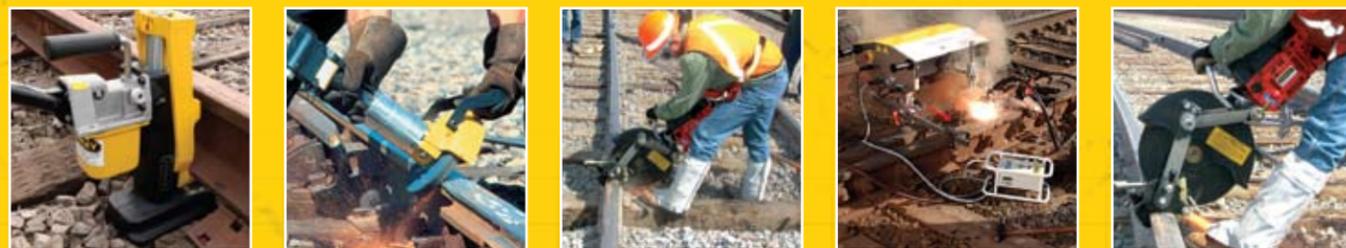
MAJOR PRODUCT LINES MANUFACTURED INCLUDE:

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



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:** 7 gallons / 26.5 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



POWER UNIT MODELS GTR09 / GTR20



GTR09

Hydraulic power to operate Stanley's line of hydraulic railroad tools is available in small, compact and efficient units like the GTR20 and our new GTR09 which is about the size of a wheelbarrow.

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 for GTR20
330 lbs / 150 kg for GTR09
Length: 35 in. / 90 cm for GTR20
35 in. / 90 cm for GTR09

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
GTR20H02	(1), 10 gpm / 38 lpm or (2), 5 gpm / 20 lpm 20 hp Honda (Gas Powered)	Auto Throttle, Wheels and Handles
GT09H02	(1), 5 gpm / 20 lpm circuit (Gas powered)	Auto Throttle, Wheels and Handles
HPR20271D	(1), 10 gpm / 38 lpm or (2), 5 gpm / 20 lpm (Diesel Powered)	Wheels and Handles

Width: 23 in. / 59 cm for GTR20
21.5 in. / 54.6 cm for GTR09
Height: 29 in. / 74 mm for GTR20
29 in. / 73.7 cm for GTR09
Pressure: 2000 psi / 140 bar for GTR20
2000 psi / 140 bar for GTR09

FEATURES

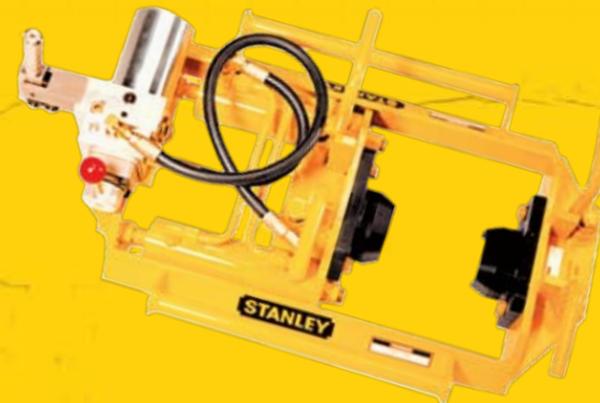
- Compact and lightweight.
- 12 volt accessory outlet (GTR20).
- Computerized electronic throttle control.
- In-tank hydraulic filtration.
- Pressurized engine oil lubrication.
- Locking handle.
- Electric Start.



GTR20



WELD SHEAR MODEL WS10



WS10200



WS1032101A

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: 126 lbs / 57 kg for WS10301,
150 lbs / 68 kg for WS10200, 90 lbs / 41 kg
for WS1032101A

Length: 29 & 32.5 in. / 73.7 & 82.5 cm
for WS10301 and WS10200, 28 in / 71 cm
for WS1032101A
Width: 19 in. / 48.3 cm for WS10301 and
WS10200, 18 in / 46 cm for WS1032101A
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
WS10200	Hand Pump Weld Shear	Large Rail Blade Set
WS10321A	Lightweight Weld Shear	Large Rail Blade Set
WS10301	Powered Weld Shear	Large Rail Blade Set

OPTIONAL EQUIPMENT

- 115 lb Shear Blade Set
- 132 lb Shear Blade Set
- 36 kg Shear Blade Set



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

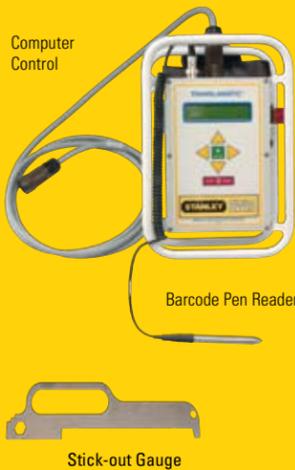
Model	Description	Included Equipment
RW30110	Robotic Welder, 400 mm Travel, No Wire Feed	Frog Clamps, Clamps, Stick Out Gauge, Computer Control
RW30112	Robotic Welder, 400 mm Travel, No Wire Feed	Above with Heater for cold weather operation
RW30120	Robotic Welder, 1000 mm Travel, No Wire Feed	Frog Clamps,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

OPTIONAL EQUIPMENT

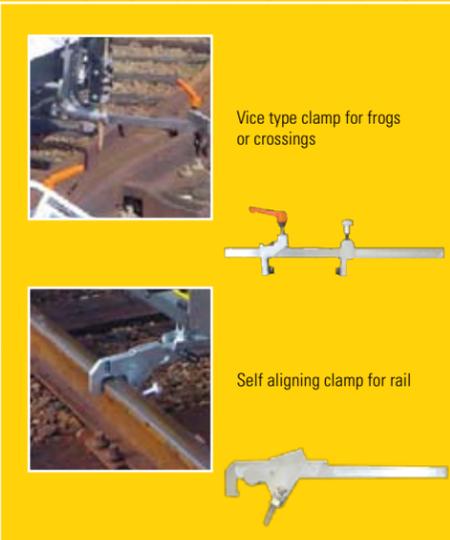
- Welding Generators
- Cable to Rail Clamps
- Welding Wire
- Rail Preheaters
- Angle Head
- Track Wheel Kit
- PC Software
- Pull Gun
- Carbon Frog Inserts
- Wire Feeders
- PC Hardware
- Roll 'un Roll



INCLUDED WITH ALL MODELS



CLAMPING MECHANISMS

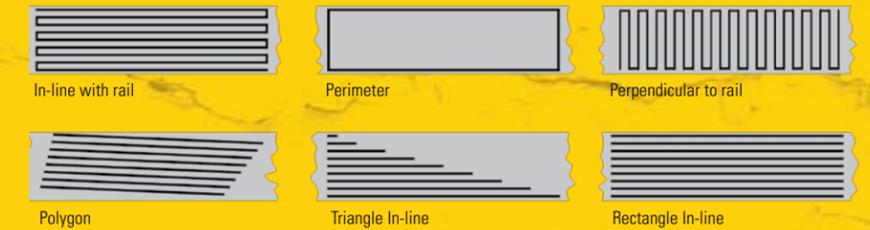


OPTIONS



TYPES OF WELDS

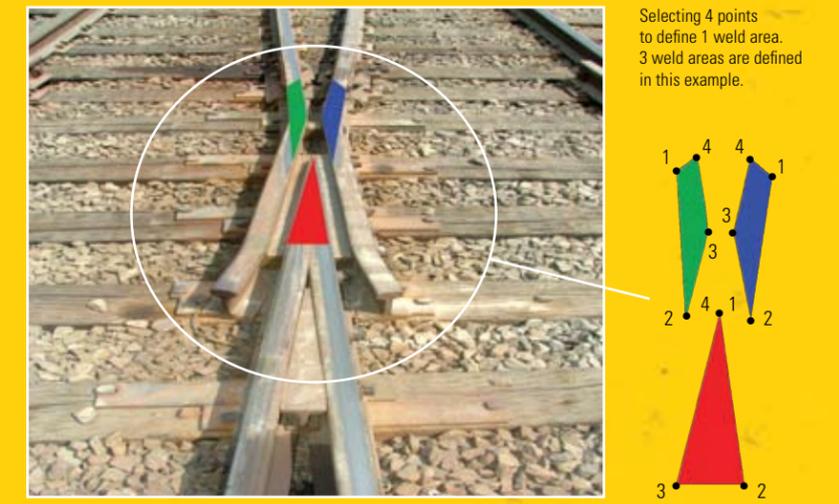
The following are examples of weld beads that the Robotic Welder is capable of performing automatically after simple input to the computer control.



Welding area selection is accomplished by visual pointing of the weld tip to 4 points that define the perimeter of the welding area or by defining length and width. See examples below.



The following example shows a frog with 3 welding area selections. Each area was selected by pointing the weld tip at 4 points along the perimeter of each area.



Freehand welds can be accomplished by using the arrow keys on the computer control to manually move the welding tip—much the same as a joystick control.

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	
CS06620	OC/CC, 15 in. cut	
CS06630S	OC/CC, 20 in./51 cm	Couplers

OPTIONAL EQUIPMENT

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



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 ergonomical 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

ORDER INFORMATION

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



Rail Clamp



GAS RAIL SAW MODEL RSG10



The Stanley RSG10 Gas Rail Saw provides the latest in innovative features and reduction in weight. The clamp and saw will provide years of reliable service with its rugged design and integrated features. The saw and clamp are packed with many features that make cutting rail seem effortless.

The well balanced, ergonomic handles allow the operator to produce effortless cuts with less fatigue. The cast-aluminum blade guard eliminates spark burn out.

The exclusive automatic belt tensioning system guarantees extended service life (Patented).

SPECIFICATIONS

- Saw Weight:** 39 & 41 lbs / 17.7 & 18.6 kg
- Length:** 35 & 36 in. / 89 & 92 cm
- Width:** 9 in. / 23 cm
- Displacement:** 100.9 cc
- Output Energy:** 6.14 hp / 5.0 kw
- Wheel Capacity:** 14 & 16 in. / 350 & 400 mm
- Fuel Tank Capacity:** .22 gal / 1 litre
- Rail Size:** 75-165 lb/yard / 37-82 kg/meter
- Spindle Speed:** 5300 RPM w/ 14 in. Wheel
4700 RPM w/ 16 in. Wheel

OPTIONAL EQUIPMENT

- 16 in. Railsaw Blade
- 14 in. Railsaw Blade
- Universal Bell-Crank Kit
- Disconnect Switch Kit

ORDER INFORMATION

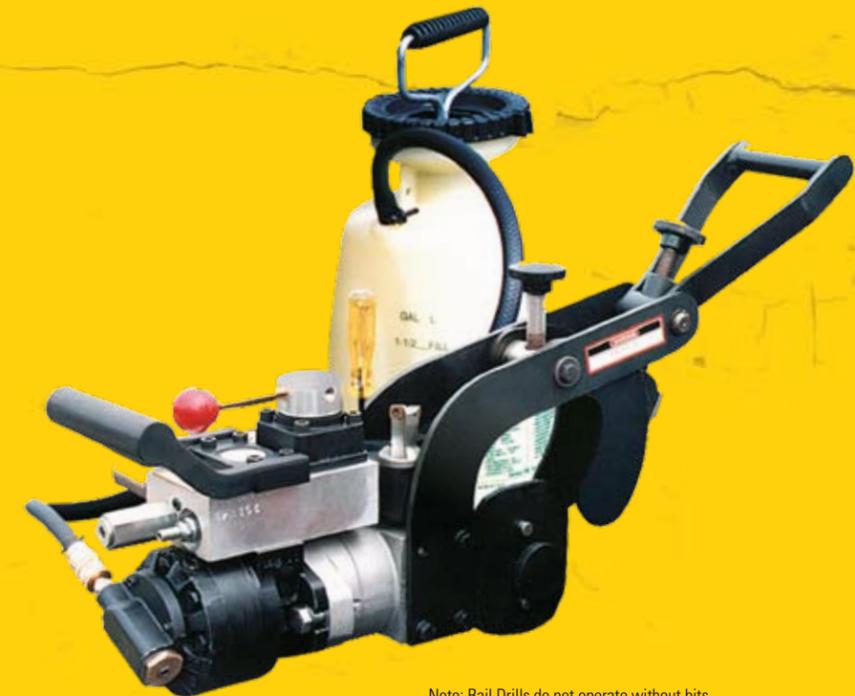
Model	Description	Included Equipment
RSG10110	14 in. Gas Rail Saw	Clamp
RSG10100	16 in. Gas Rail Saw	Clamp

FEATURES

- Automatic belt tensioning system.
- New "tool-less" indexable guard swivel lock (Patented).
- Rugged lightweight cast aluminum guard.
- Sealed ball bearing in arm swivel joints.
- Preset and adjustable clamp arm stops.
- Triple air filtration.
- Bell-crank style clamp mechanism clamps to all types of rail.
- Integrated retractable blade position guide.



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

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.

- 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



GAS RAIL DRILL MODEL RDG15



SPECIFICATIONS

Bit Capacity: Up to 1-1/2 in. diameter / 38 mm diameter
Bit Type: Special Steppen Twist Drills / Annular Cutters for Bonding Applications / STD Annular Broaching Cutters for Bolting Applications
Weight (w/o templates & bit): 45 lbs / 20.5 kg
Length (handles extended to maximum): 22.5 inches / 57cm
Width: 12 inches / 30 cm
Height (w/o templates, maximum): 13.5 inches / 34 cm

FEATURES

- Lightweight - Only 45 lbs / 20.5 kg.
- Decreased Setup Time - Increased productivity.
- Versatility - Bonding and bolting applications. Uses standard RD12 templates and guides.
- Hand Wheel Feed - For precise control.
- Quick Release Clamp.
- Drill Time 50 sec. or less.



RDG15100 Clamp

Stanley offers a wide variety of Annular Cutting Bits as well as Bonding Bits

ORDER INFORMATION

Model	Included Equipment
RDG15100	Coolant Bottle

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



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

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

FEATURES

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

SPIKE PULLER MODEL SP48



Stanley's SP48 Spike Puller provides the ultimate in spike removal. The dual-stage trigger greatly reduces spike kick-back to the operator. Pulling of spikes can be accomplished from any position making spike pulling simple and effortless.

SPECIFICATIONS

Weight: 48.5 lbs / 22 kg
Length: 32.5 in. / 82.55 cm
Width at Handles: 16 in. / 40.6 cm

ORDER INFORMATION

Model	Description	Included Equipment
SP48100	Spike Puller, Open-Center, 2-Stage Valve	Hose Whips and Couplers

OPTIONAL EQUIPMENT

- Grip Jaw
- "W" Grip Jaw
- 2-Stage Valve Kit

Hyd. Pressure: 2000 psi / 140 bar
Flow Range: 4-10 gpm / 18-38 lpm
Max. Back Pressure: 250 psi / 17 bar
Pulling Force: 13,000 lbs / 5,900 kg

FEATURES

- Removes hairpin or cut spikes.
- Pulls bent or damaged spikes.
- Ergonomically designed trigger.

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
IW16157	1 in. Square Drive	Upright Handle, HTMA Couplers and Swivel Hose Whips
IW16150S	1 in. Square Drive	HTMA Couplers and Swivel 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



IW16 with Optional Extended Handle

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

ORDER INFORMATION

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

Flow Range: 4-6 gpm / 15-22 lpm
Max. Back Pressure: 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.
- Light weight design.
- Feathering On/Off valve.
- Spring-loaded bit keeper (TT46133).
- 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

TIE TAMPER MODEL TT46



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.



Simple Bit Interchangeability

SPIKE DRIVER MODEL SD67



Stanley's SD67 Spike Driver is rugged and lightweight for use in medium to heavy-duty spike driving. 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
Pulling Force: --

- FEATURES**
- Rugged, Lightweight Construction for use in heavy duty spike driving reduces operator fatigue.
 - 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.

OPTIONAL EQUIPMENT

- Cut-Spike Cup
- Hairpin-Spike Cup
- Dome-Spike Cup



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

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

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

- FEATURES**
- Upright handle for ergonomic operation.
 - Rugged lightweight construction.
 - Interlocking, full length, bail type safety trigger.
 - Removable wheel guard for easy access to the grinding wheel.
 - Built-in speed control.

ORDER INFORMATION

Model	Description	Included Equipment
PG05110	Profile Grinder	Couplers

OPTIONAL EQUIPMENT

- Grinding Stone

GRINDER MODEL PG05



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

- 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

ORDER INFORMATION

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

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.



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.



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

- Lightest weight of any hydraulic jack in its class.
- 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

TOOL EXCHANGE VALVE

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.

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



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

Stanley's track jacks are the best jacks available with untouchable power-to-weight ratios and impressive lifting capacity. And the Stanley rail aligner compliments our jacks by simplifying rail alignment work.



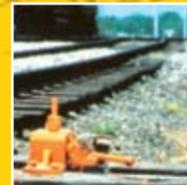
PADLOCK

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.

EX STEALTH SERIES BREAKERS

The seven EX 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 EX 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.



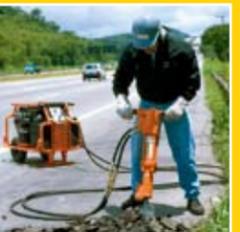
MOUNTED COMPACTORS

Stanley 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 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.stanley-hydraulic-tools.com**