STANLEY

CE CERTIFIED
PRODUCT
CATALOG

Selection, Innovation, Performance
Your One-Stop Shop for Hydraulic Tools and Attachments

INDUSTRIAL TOOLS & ATTACHMENTS

PALADIN  STANLEY  LABOUNTY  PENGO
GREAT BRAND, GREAT TOOLS

STANLEY 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 175 year old company committed to the manufacture and distribution of quality tools for the professional, industrial, and consumer, we at STANLEY Infrastructure are dedicated to providing our customers with innovative customer-driven product designs, world class quality, unmatched product support, and superior value.

GLOBAL REPRESENTATION

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

OUR MISSION

STANLEY is committed to providing innovative solutions for infrastructure based applications. We are for those who make the world move.
POWERFUL TOOLS FOR POWERFUL JOBS

Professionals turn to hydraulic tools when they need to get the toughest jobs done. Nothing matches the performance of hydraulic tools to cut through rock & concrete, drive posts or spikes, or pump a flooded culvert. Because their energy is derived from compressed oil, hydraulic tools can pack a big punch in a little package. Their inherent efficiency means they're friendlier to the environment than comparable air or gas tools. And because they're self-lubricating, they last several times longer.

Today we offer dozens of tools that can operate dependably off a single power source and professionals around the world are turning to the gas tools. And because they're self-lubricating, they last several times longer.

ADVANTAGES OF HYDRAULIC TOOLS

- Durability & Maintenance - Hydraulic tools are designed to last with minimal maintenance requirements. Because internal components are bathed in hydraulic oil, it is not uncommon for them to last 15 years or more.
- Low Noise - Hydraulic tools are significantly quieter than comparable gas-powered and pneumatic alternatives.
- Increased Power & Productivity - Since compressed oil transfers far more energy than compressed air, nothing packs as much pound-for-pound punch as hydraulic. That allows us to design a smaller, lighter tool that can deliver more power than even the biggest gas or pneumatic alternatives.
- Cold Conditions - Hydraulic tools can be operated in sub-zero temperatures without freezing up.
- Wet Conditions - Wet weather does not affect hydraulic tools. In fact, many models are available for use underwater.
- Enclosed Spaces - Hydraulic tools don't produce exhaust and their power sources can be stationed remotely. Not so with gas-powered tools which often discharge engine exhaust directly onto the operator or with pneumatic tools which can atomize small droplets of lubricating oil into the surrounding atmosphere.
- Cost-Effective, Environmentally Friendly Operation - Hydraulic tools are inherently more efficient, meaning they require less energy to perform the same work as alternative tools, saving time and money. Hydraulic tool circuits are designed to keep oil in and contaminants out and our tools can be used with a variety of biodegradable environmentally safe hydraulic oils, so they can be operated with minimal impact to their surrounding environment.

Nothing equals the impact force of hydraulic-powered breakers. With the best power-to-weight ratio, higher blow energy, and a lower noise level than pneumatic breakers, our hydraulic percussion tools are simply the best choice. Our 70-lb. class breakers, for instance, deliver roughly the same impact energy as most 90-lb. pneumatic breakers. Internal components are continually bathed in hydraulic oil, providing long-lasting performance with minimal maintenance requirements. And because the hydraulic system is totally enclosed, there's no tool exhaust or oil atomization often found with gas-powered or pneumatic alternatives.

Compared to other options, hydraulic breakers offer:
- Higher impact than comparably sized alternative platforms
- No tool exhaust
- Quieter operation than pneumatic tools allows for use in sensitive areas

• Hydraulic oil provides continuous lubrication of internal parts for longer service life
• Modular, re-buildable design platform improves serviceability
• Handles system back pressures up to 250 psi / 17 bar
• Featuring ON/OFF valve to control speed and make initial tool placement easy
• Trouble-free diaphragm accumulator for added blow energy

Our hydraulic breakers are used around the world in utility construction, street maintenance, repair of water and gas mains, and general contracting jobs.

A general rule of thumb when sizing the appropriate breaker for your application is to use 10 pounds for each inch of material. A 40-pound breaker, for instance, is a good fit for 4-inch concrete. A 90-lb breaker would be used to break 9-inch concrete.

THE BR45 HYDRAULIC BREAKER

The BR45 is light to medium duty breakers for work in the 35 to 55 pound class around the globe.

FEATURES
- Convenient, maneuverable size makes this a favorite for light to medium sized jobs
- BR45550 model designed for operation at 4-6 gpm / 15-24 lpm range
- T-type or Anti-vibration handle (see order information)
- EZ-Ride™ or standard foot (see order information)
- Hose whips and flush face quick disconnect couplers

SPECIFICATIONS
Application: Concrete or asphalt breaking or scoring, small rock breaking, rod driving, tamping.
Tool Bit Size: 7/8 x 5-1/4 in., 1-1/8 x 6 in., 1-1/4 x 6 in. or 1 x 4-1/4 in.
Hyd. Flow: 4-6 gpm / 15-24 lpm, 5.5 gpm / 20 lpm or 7-9 gpm / 26-34 lpm
Weight: 37 lbs / 17 kg to 58 lbs / 26 kg
Length: 22 in. / 57 cm to 30 in. / 76 cm
Width: 14 in. / 36 cm to 18 in. / 45 cm
Connection: 3/8 in. flush face quick disconnect couplers

LIGHT TO MEDIUM DUTY BREAKERS MODEL BR45 - 40# PLUS CLASS

MEDIUM DUTY BREAKERS INTERNATIONAL 50# CLASS

FEATURES
- T-type or Anti-Vibration Handle (see order information)
- Strong tie rod design for durability
- Hose whips and flush face quick disconnect couplers

SPECIFICATIONS
Application: Concrete or asphalt breaking or scoring, small rock breaking, rod driving.
Tool Bit Size: 1-1/8 x 6 in., 1-1/4 x 6 in. or 1-1/4 x 6-1/4 in.
Hyd. Flow: 7-9 gpm / 26-34 lpm or 4-6 gpm / 15-23 lpm
Weight: 59 lbs / 27 kg T-Handle, 61 lbs / 27.6 kg with Anti-Vibe Handle
Length: 28 in. / 71 cm with T Handle, 29 in. / 73 cm with Anti Vibe Handle
Width: 14 in. / 36 cm with T Handle, 15 in. / 38 cm with Anti Vibe Handle
Connection: 3/8 in. flush face quick disconnect couplers

MEDIUM DUTY BREAKERS SERIES 100# CLASS

FEATURES
- T-type or Anti-Vibration Handle (see order information)
- Strong tie rod design for durability
- Hose whips and flush face quick disconnect couplers

SPECIFICATIONS
Application: Concrete or asphalt breaking or scoring, small rock breaking, rod driving.
Tool Bit Size: 1-1/16 x 6 in., 1-1/4 x 6 in. or 1-1/4 x 6-1/4 in.
Hyd. Flow: 7-9 gpm / 26-34 lpm or 4-6 gpm / 15-23 lpm
Weight: 59 lbs / 27 kg T-Handle, 61 lbs / 27.6 kg with Anti-Vibe Handle
Length: 28 in. / 71 cm with T Handle, 29 in. / 73 cm with Anti Vibe Handle
Width: 14 in. / 36 cm with T Handle, 15 in. / 38 cm with Anti Vibe Handle
Connection: 3/8 in. flush face quick disconnect couplers
MEDIUM DUTY BREAKERS MODEL BR67 - 70# PLUS CLASS

The BR67 is a medium to heavy-duty breaker for work in the 70 pound class and above. It is highly productive in construction, street maintenance, repair of water and gas mains, and general contracting jobs.

SPECIFICATIONS

Application: Concrete or asphalt breaking or scoring; small rock breaking; rod, anchor, & stake driving.

Tool Bit Size: 1 1/8 x 6 in. or 1 1/4 x 6 in.

Hose: 3/8 in. flush face quick disconnect couplers

Hyd. Flow: 7-9 gpm / 26-34 lpm

Working Pressure: 1500-2500 psi / 103-172 bar

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

Weight: 72 lbs / 33 kg

Model: BR67 with T-Handle

Length: 27 in. / 68 cm

Width: 16 in. / 41 cm

Features:
- Original breaker design
- Delivers excellent overall performance
- Provides good balance of power to weight
- T-type or Anti-Vibration handle
- EZ-Ride™ or standard foot
- Strong tie rod design for durability
- Hose whips and flush-face quick disconnect couplers

FEATURES

- Longer piston stroke delivers greater impact
- Our hardest hitting breaker class, designed for the biggest breaking jobs
- Longer stroke delivers greater impact force
- T-type handle
- EZ-Ride™ or standard foot
- Strong tie rod design for durability
- Hose whips and flush-face quick disconnect couplers

HEAVY DUTY BREAKERS MODEL BR87 - 90# PLUS CLASS

The BR87 is a heavy-duty breaker for work in the 90 pound class and heavier. With a longer piston stroke, our 90# class breakers are our hardest hitting hand held breakers.

SPECIFICATIONS

Application: Concrete or asphalt breaking or scoring; small rock breaking; rod, anchor, & stake driving.

Tool Bit Size: 1 1/8 x 6 in. or 1 1/4 x 6 in. (see ordering info)

Hose: 3/8 in. flush face quick disconnect couplers

Hyd. Flow: 7-9 gpm / 26-34 lpm

Working Pressure: 1500-2500 psi / 103-172 bar

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

Weight: 84 lbs / 38 kg

Model: BR87 with T-Handle

Length: 29 in. / 74 cm

Width: 16 in. / 41 cm

Features:
- Our original breaker design
- Delivers excellent overall performance
- Provides good balance of power to weight
- T-type or Anti-Vibration handle
- EZ-Ride™ or standard foot
- Strong tie rod design for durability
- Hose whips and flush-face quick disconnect couplers

FEATURES

- Longer stroke delivers greater impact
- Our hardest hitting breaker class, designed for the biggest breaking jobs
- Longer stroke delivers greater impact force
- T-type handle
- EZ-Ride™ or standard foot
- Strong tie rod design for durability
- Hose whips and flush-face quick disconnect couplers

SPECIFICATIONS

Model Part No. Weight Length Width Flow Range Working Pressure Full Relief Setting Capacity Misc.

BR45
05 lbs / 25 kg 23 in. / 60 cm 16 in. / 40 cm 7-9 gpm / 26-34 lpm 1500-2500 psi / 103-172 bar 2320 psi / 155 BAR 7/8 x 3/4 in. / 22 / 82 mm Hex Parallel Anti Vibration

BR45
05 lbs / 25 kg 23 in. / 60 cm 16 in. / 40 cm 7-9 gpm / 26-34 lpm 1500-2500 psi / 103-172 bar 2320 psi / 155 BAR 1 x 4.94 in. / 25 x 108 mm Hex Parallel Anti Vibration

BR67
05 lbs / 25 kg 25 in. / 64 cm 18 in. / 46 cm 4-6 gpm / 15-23 lpm 1500-2500 psi / 103-172 bar 2320 psi / 155 BAR 1 x 4.94 in. / 25 x 108 mm Hex

BR67
05 lbs / 25 kg 25 in. / 64 cm 18 in. / 46 cm 4-6 gpm / 15-23 lpm 1500-2500 psi / 103-172 bar 2320 psi / 155 BAR 1 x 4.94 in. / 25 x 108 mm Hex

BR87
05 lbs / 25 kg 27 in. / 68 cm 16 in. / 40 cm 7-9 gpm / 26-34 lpm 1500-2500 psi / 103-172 bar 2320 psi / 155 BAR 1 x 4.94 in. / 25 x 108 mm Hex E-Z Roto Foot

BR87
05 lbs / 25 kg 27 in. / 68 cm 16 in. / 40 cm 7-9 gpm / 26-34 lpm 1500-2500 psi / 103-172 bar 2320 psi / 155 BAR 1 x 4.94 in. / 25 x 108 mm Hex E-Z Roto Foot

Concrete or asphalt breaking or scoring; small rock breaking; rod, anchor, & stake driving.

Connection: 3/8 in. flush face quick disconnect couplers

Width: 16 in. / 41 cm

Length: 29 in. / 74 cm

Weight: 41 KG / 90 LB

41 CM / 16 IN. CONCRETE

Model Part No. Description

BR87
07704 3 in. Wide Chisel, 1 in. Hex, 14 in. Under Collar

BR87
07706 Asphalt Wedge, 1 in. Hex, 3 in. Wide Blade

BR67
07103 Narrow Chisel, 1 in. Hex, 5-1/2 in. Wide Blade

BR67
07105 Clay Spade, 1 in. Hex, 5-1/2 in. Wide Blade

BR45
07702 Mid Point, 1 in. Hex, 14 in. Under Collar

BR45
07201 3 in. Wide Chisel, 1 in. Hex, 14 in. Under Collar

BR45
07200 3 in. Wide Chisel, 1 in. Rod, 14 in. Under Collar

BR45
07104 3 in. Wide Chisel, 1 in. Rod, 14 in. Under Collar

BR45
07105 Clay Spade, 1 in. Hex, 5-1/2 in. Wide Blade

BR45
07106 Asphalt Wedge, 1 in. Hex, 3 in. Wide Blade

BR67 / BR87
02331 Clay Spade, 1-1/8 in. Hex, 5-1/2 in. Wide Blade

BR67 / BR87
02332 Asphalt Cutter, 1-1/8 in. Hex, 5-1/2 in. Wide Blade

BR67 / BR87
02333 Mid Point, 1-1/8 in. Hex, 14 in. Under Collar

BR67 / BR87
02334 Moil Point, 1-1/8 in. Hex, 14 in. Under Collar

BR67 / BR87
03990 Narrow Chisel, 1-1/8 in. Hex, 14 in. Under Collar

BR67 / BR87
04176 Rod Driver, 1-1/8 in. Hex, 1 in. Rod

BR67 / BR87
08106 Asphalt Wedge, 1-1/8 in. Hex
CHIPPING HAMMERS MODEL CHIS

The CHIS is a small chipping hammer designed for light duty chipping. It is commonly used for manhole and utility vault modifications or masonry repair and demolition. The body of the tool is shock and heat insulated. Comes with hose whips and flush face quick disconnect couplers.

**SPECIFICATIONS**

Application: Chipping concrete, rock, or masonry such as utility vaults, street curbing, masonry work.

**Accessories**

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIS</td>
<td>58633</td>
<td>Twisted Hose, 25 ft. x 1/2 in. with Couplers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>66256</td>
<td>Twisted Hose, 50 ft. x 1/2 in. with Couplers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>66256</td>
<td>Hose Whip, 9 in., 5/80 Hex Shank, Oval Collar</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>66257</td>
<td>Narrow Chisel, 9 in., 5/80 Hex Shank, Oval Collar</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**EARTH AUGER MODEL EA08**

It is configured with 4 handles for two-man operation but can be used by one-man by connecting the torque tube to a power unit or other solid object. An ergonomically designed forward and reverse control valve lever is integrated into the handle. The EA08 accepts 1-3/8 in. hex female augers. The EA09 is furnished with flush face quick disconnect couplers. Augers are sold separately.

**SPECIFICATIONS**

Application: Earth boring for posts and poles. Capacity: Up to 18 in. / 46 cm Diameter x 42 in. / 107 cm Long Auger.

**Accessories**

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight Len.</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>EA08</td>
<td></td>
<td></td>
<td>47 lbs / 21 kg</td>
<td>18 in. / 46 cm</td>
<td>4-9 gpm / 16.34 lpm</td>
<td>1000-2000 psi / 70-140 bar</td>
<td>2250 psi / 155 BAR</td>
<td>5/80 Hex / Oval Collar</td>
</tr>
</tbody>
</table>

**DRILL MODEL DL07**

The DL07 is a variable speed drill with reverse capability. It features a 1/2 inch keyed chuck, dual position assist handle, dual-spool for open center or closed center operation, trigger guard, and is powered by an integral Hyrevz™ motor. A reverse-flow check valve prevents operation if tool is plumbed backwards. The DL07 is furnished with flush face quick disconnect couplers.

**SPECIFICATIONS**

Speed/Hydraulic Flow: 350 rpm / 7 gpm / 11.3 lpm. Torque at psi/bar: 4 ft. lbs / 500 psi / 8.6 Nm / 55 bar.

**Accessories**

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Torque</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL07</td>
<td></td>
<td></td>
<td>6 lbs / 2.7kg</td>
<td>9 in. / 22.9 cm</td>
<td>4-12 gpm / 16.46 lpm</td>
<td>1000-2000 psi</td>
<td>2250 psi / 155 BAR</td>
<td>350-1250 psi / 25-160 mm Bits</td>
<td>Dual Spindle</td>
<td></td>
</tr>
</tbody>
</table>

**TAMPER MODEL TA54**

The STANLEY TA54 Tamper is ideal for soil compaction around utility poles, signs and fence posts. With few moving parts coupled with the closed hydraulic system results in an efficient tool that requires minimal maintenance and a long tool life.

**SPECIFICATIONS**

The body of the tool is shock and heat insulated. Comes with hose whips and flush face quick disconnect couplers.

**Accessories**

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Torque</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA54</td>
<td></td>
<td></td>
<td>30 lbs / 13.6 kg</td>
<td>7 in. / 17 cm</td>
<td>3-9 gpm / 11.34 lpm</td>
<td>1000-2000 psi / 70-140 bar</td>
<td>2250 psi / 155 BAR</td>
<td>5/80 Hex / Oval Collar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TA54103</td>
<td></td>
<td></td>
<td>30 lbs / 13.6 kg</td>
<td>7 in. / 17 cm</td>
<td>3-9 gpm / 11.34 lpm</td>
<td>1000-2000 psi / 70-140 bar</td>
<td>2250 psi / 155 BAR</td>
<td>5/80 Hex / Oval Collar</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- Flush Face Quick Disconnect Couplers
- Hose Whips
- Narrow Chisels
- Augers
- Center Screw Bits
- Jacobs Drill Chuck
- Mole Points
- Drive Couplers
- In-Line Valve Assemblies
- Minute Valve Shoe Coupler
- Rectangle Shoe Coupler
- Adjustable Chuck & Adapter
- Jacobs Drill Chuck
- Jacobs Drill Coupler
SERIES
GRINDERS

The Stanley Hydraulic GR29 Grinder is a right angle grinder ("vertical grinder") that can be used for grinding and cleaning in underwater applications with a variety of wheels, brushes and attachments. The high torque gear motor drives a standard 5⁄8 - 11 threaded shaft and is furnished with hose whips and flush face quick disconnect couplers.

- Oversized trigger with guard for diver comfort
- Angled couplers for ease of attaching hoses
- Two position assist handle for right/left hand operation
- Use with grinding wheels, full scrubbing brushes, wire and nylon brushes, barnacle busters and Desmond wheels
- Standard type grinding wheels and wire or nylon brushes
- The GR30 can be used for grinding and cleaning with either cup or depressed center wheels
- Capacity from 3/4 in. / 19 mm to 2 in. / 50 mm in diameter and up to 29 in. / 73.7 cm deep as well as core drilling up to 4 in. / 102 mm in diameter

The HD01 is ideal for just about any drilling job whether in rock, concrete, wood or masonry, with 4200 rpm and 800 rpm. The hammer function can be turned on for efficient light drilling in wood and metal. The sturdy, light weight construction features a D-handle and assist handle making it easier to maneuver than a pistol-grip tool. The HD01 chuck accepts SDS Plus bits and accepts other common accessories with a standard SDS Plus shank. A geared drill chuck and adapter are available for use with common wood auger bits or twist drills. The HD01 has 3 modes of operation—drill mode (without percussion), hammer drill mode (drill with percussion) or hammer only mode (percussion only).

The HD45 is designed for drilling holes in concrete, rock, or masonry from 3/4 in. / 19 mm to 2 in. / 50 mm in diameter and up to 29 in. / 73.7 cm deep as well as core drilling up to 4 in. / 102 mm in diameter. The HD45 uses a 5/8"-11 threaded shank, carbide tipped, fluted drill bits and requires no fluid or compressed air to clear holes during operation. The HD45 features a feathering trigger for easy starts, adjustable rotation speed (both forward and reverse), and is furnished with hose whips and flush face quick disconnect couplers.
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 and creosote-treated ties without reaction torque to the operator.

## IMPACT DRILLS

### ID07

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Torque</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID07</td>
<td>I07820001</td>
<td>9.3 kg / 20.6 lbs</td>
<td>29 cm</td>
<td>6 in</td>
<td>15/16 in</td>
<td>4.12 gpm / 15-46 gpm</td>
<td>750-2000 psi / 50-140 bar</td>
<td>2250 psi / 155 bar</td>
<td>500 ft l</td>
<td>12 in. Square Drive</td>
</tr>
<tr>
<td></td>
<td>I07815001</td>
<td>9.3 kg / 20.6 lbs</td>
<td>29 cm</td>
<td>6 in</td>
<td>15/16 in</td>
<td>4.12 gpm / 15-46 gpm</td>
<td>750-2000 psi / 50-140 bar</td>
<td>2250 psi / 155 bar</td>
<td>500 ft l</td>
<td>12 in. Square Drive</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>I0780001</td>
<td>1/2 in. Sockets - Square Drive</td>
<td>4.25 lbs / 1.9 kg</td>
<td>10 in.</td>
<td>25.4 cm</td>
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## IMPACT WRENCHES

### MODEL IW12

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<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Torque</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>IW12</td>
<td>IW1240AX</td>
<td>20 lbs / 9 kg</td>
<td>9 in / 23 cm</td>
<td>5 in / 12 cm</td>
<td>4-12 gpm / 15-46 gpm</td>
<td>1500-2500 psi / 105-172 bar</td>
<td>2250 psi / 155 bar</td>
<td>250-5200 ft lfs / 740-1632 Nm</td>
<td>3/4 in. Square Drive</td>
<td></td>
</tr>
</tbody>
</table>

### FEATURES
- Adjustable impact intensity, from 250 to 1200 ft. lb. / 340 to 1725 Nm
- Swing Hammer Mechanism
- Feathering trigger
- Reversing valve for instant change over from forward to reverse
- 3/4 inch square drive
- With or without a trigger guard

### MODEL IW16

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Torque</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>IW16</td>
<td>IW16360</td>
<td>26 lbs / 12 kg</td>
<td>9 in / 23 cm</td>
<td>5 in / 12 cm</td>
<td>4-12 gpm / 15-46 gpm</td>
<td>1500-2500 psi / 105-172 bar</td>
<td>2250 psi / 155 bar</td>
<td>250-5200 ft lfs / 740-1632 Nm</td>
<td>1 in. Square Drive</td>
<td></td>
</tr>
</tbody>
</table>

### FEATURES
- Adjustable impact intensity, from 800 to 3500 ft. lb. / 1088 to 4760 Nm
- Swing Hammer Mechanism
- "D" handle
- Feathering trigger
- Reversing valve for instant change over from forward to reverse
- 1-1/2 inch square drive

### MODEL IW24

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
<th>Flow Range</th>
<th>Working Pressure</th>
<th>Full Relief Setting</th>
<th>Torque</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>IW24</td>
<td>IW24360</td>
<td>40 lbs / 18 kg</td>
<td>9 in / 23 cm</td>
<td>5 in / 12 cm</td>
<td>4-12 gpm / 15-46 gpm</td>
<td>2250 psi / 155 bar</td>
<td>3000-5200 ft lfs / 890-1470 Nm</td>
<td>1 1/2 in. Square Drive</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### FEATURES
- Quick Change Adapter
- 1 inch square drive
- Reversing valve for instant change over from forward to reverse
- 3/4 in. Square
- 1 in. Square
- 1-1/2 in. Square

### Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Width</th>
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</thead>
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<tr>
<td></td>
<td>D9711</td>
<td>Assist Handle Kit</td>
<td>0.5 lbs / 0.23 kg</td>
<td>11 in.</td>
<td>27 cm</td>
</tr>
<tr>
<td></td>
<td>D9712</td>
<td>Adapter, 3/4 in. to 1/2 in.</td>
<td>0.5 lbs / 0.23 kg</td>
<td>11 in.</td>
<td>27 cm</td>
</tr>
<tr>
<td></td>
<td>D9713</td>
<td>Extension, 10 in.</td>
<td>0.5 lbs / 0.23 kg</td>
<td>11 in.</td>
<td>27 cm</td>
</tr>
<tr>
<td></td>
<td>D9714</td>
<td>Socket Retainer Ring, 1 in. Square Drive</td>
<td>0.5 lbs / 0.23 kg</td>
<td>11 in.</td>
<td>27 cm</td>
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The DS11 is a heavy duty and powerful diamond chain saw that is ideal for fast cutting of concrete, reinforced concrete, conduit, brick, stone and other masonry. Plunge cut capability allows quick cutting at window, door, conduit and duct openings in walls and notching and trimming of concrete pipe. Trigger activated water for lubrication and cooling is poured through the bar and applied at the point where the concrete is being cut.

The DS11 features ergonomic handles and guards to help reduce operator fatigue, water connection, flush face quick disconnect couplers, and is powered by a STANLEY Hyrevz™ motor. The Wall Walker™ that provides leverage for cutting is standard equipment. The bar and chain and are sold separately.

The DCP30 is a 12 volt pump capable of self priming up to an eight foot lift. It delivers 2.2 GPM at 40 PSI and is thermal protected to prevent overheating. A built in check valve prevents backward flow and maintains pressure after shut-off. The DCP30 is available with battery clips or a marine style DC plug. Ideal for providing adequate water for diamond concrete or ductile iron chain saws.

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**STANLEY Infrastructure**

### Sump Pumps

**Sump Pump Model SM20**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 6 gpm / 23 lpm
- **Hyd. Flow:** 4.9 gpm / 18 lpm
- **Length:** 7.5 in. / 19 cm
- **Width:** 9.6 in. / 24 cm
- **Connection:** 3/8 in. flush face quick disconnect couplers

**Sump Pump Model SM21**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 7 gpm / 26 lpm
- **Hyd. Flow:** 7.9 gpm / 26-34 lpm
- **Length:** 14 in. / 35.5 cm
- **Width:** 12 in. / 30.4 cm
- **Connection:** 3/8 in. flush face quick disconnect couplers

**Sump Pump Model SM50**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 9 gpm / 34 lpm
- **Hyd. Flow:** 7.9 gpm / 26-34 lpm
- **Length:** 14 in. / 35.5 cm
- **Width:** 12 in. / 30.4 cm
- **Connection:** 3/8 in. flush face quick disconnect couplers

**Sump Pump Model SM20531**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 5 gpm / 19 lpm
- **Hyd. Flow:** 6 gpm / 23 lpm
- **Length:** 10 in. / 25.4 cm
- **Width:** 10.5 in. / 26.7 cm
- **Weight:** 2 lbs / 1 kg
- **Connection:** 3/8 in. female camlock x 3 in. male camlock (4-ply)

**Sump Pump Model SM20521**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 8 gpm / 30 lpm
- **Hyd. Flow:** 7.9 gpm / 26-34 lpm
- **Length:** 14 in. / 35.5 cm
- **Width:** 12 in. / 30.4 cm
- **Connection:** 3/8 in. flush face quick disconnect couplers

**Sump Pump Model SM20431**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 9 gpm / 34 lpm
- **Hyd. Flow:** 7.9 gpm / 26-34 lpm
- **Length:** 14 in. / 35.5 cm
- **Weight:** 2 lbs / 1 kg
- **Connection:** 3/8 in. female camlock x 3 in. male camlock (4-ply)

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**TRASH PUMPS**

**Trash Pump Model TP03**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 410 gpm / 1688 lpm
- **Hyd. Flow:** 7.9 gpm / 26-34 lpm
- **Weight:** 3 lbs / 2.85 kg
- **Length:** 19 in. / 48.3 cm
- **Width:** 5.5 in. / 13.9 cm
- **Connection:** 3/8 in. flush face quick disconnect couplers

**Trash Pump Model TP08**

**Specifications**
- **Application:** Pumping Liquids
- **Capacity:** 8 gpm / 30 lpm
- **Hyd. Flow:** 7.9 gpm / 26-34 lpm
- **Weight:** 2 lbs / 1 kg
- **Connection:** 3/8 in. female camlock x 3 in. male camlock (4-ply)

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**Accessories**

**Model SM20/SM21/SM50**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02803</td>
<td>Fire Hose, 25 ft. x 2-1/2 in.</td>
</tr>
<tr>
<td>02013</td>
<td>Fire Hose, 1 in. x 2-1/2 in.</td>
</tr>
<tr>
<td>05133</td>
<td>2-1/2 in. Thread Adapter for Sump Pump to Fire Hose</td>
</tr>
<tr>
<td>05124</td>
<td>50 ft. Fire Hose, 2-1/2 in. dia.</td>
</tr>
<tr>
<td>05135</td>
<td>Spanner Wrench for Pin Lug Coupler</td>
</tr>
</tbody>
</table>

---

**Model TP03**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>52720</td>
<td>3 in. Adapter</td>
</tr>
<tr>
<td>52721</td>
<td>2 in. Adapter</td>
</tr>
<tr>
<td>52722</td>
<td>1 in. Adapter</td>
</tr>
</tbody>
</table>

---

**Model TP08**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>56524</td>
<td>Lay-Flat Discharge Hose, 4 in. x 25 ft with Camlock Fittings</td>
</tr>
</tbody>
</table>

---

**SM20/SM21/SM50**

- **Hyd. Flow:** 7.9 gpm / 26-34 lpm
- **Working Pressure:** 0-2000 psi / 0-140 bar
- **Impeller:** Hydrazz™ motor, and is furnished with flush face quick disconnect couplers.
The GT18 hydraulic power unit is engineered for continuous professional use and is optimized to deliver ideal flows and pressures to both Type 1 and Type 2 hydraulic tools. Its powerful 18 HP Briggs & Stratton engine and best-in-class cooling system deliver the power and heat rejection pros need to keep tools working uninterrupted all day in all types of conditions. The GT18 features a computerized all-electric throttle control system that idles-down the engine when tools aren’t running, saving fuel and extending service life. Its feature-rich, dependable operation make the GT18 the workhorse of the industry.

**FEATURES**
- Meets HTMA requirements for Type 1 and Type 2 hydraulic tool circuits.
- 5 or 8 gpm / 20 or 30 lpm @ 2000 psi
- Heat rejection capacity exceeding 5 hp.
- Computerized throttle control
- Quartz hour meter
- Direct mounted hydraulic pump
- Air/oil cooler
- Lift and latch handle
- Pneumatic tires
- Maintenance-free battery
- Hydraulic and engine oil filter
- Engine oil level shut-down
- 5 gallon / 20 liters fuel tank capacity

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.

**FEATURES**
- Compact and lightweight.
- Computerized electronic throttle control.
- In-tank hydraulic filtration.
- Pressurized engine oil lubrication.
- Locking handle.
- Electric Start.
- Quiet Operation.
- Small size - can fit into small truck or van.
- Portable - can be wheeled around job site like a wheelbarrow.
- Serviceability - can be serviced by small engine dealers.

**TIE TAMPER**

The TT46/33 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 TT46/33 Model has a spring-loaded bit keeper allows the bit to be backed out even when driven deeply into the ballast.

**FEATURES**
- Spring-dampened anti-vibration handle.
- Feathering On/Off valve.
- Spring-loaded bit keeper.
- 1800 blows per minute.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Included Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>59033</td>
<td>Tie Tamper Steel - 4” w/ “V” Cut 21” OAL - Round</td>
<td>Couplers, Hose Whips, 21 in. Steel</td>
</tr>
<tr>
<td>59034</td>
<td>Tie Tamper Steel - 4” w/ “V” Cut 18” OAL - Round</td>
<td></td>
</tr>
<tr>
<td>44937</td>
<td>Tie Tamper Steel - 4” w/ “V” Cut 21” OAL - Hex</td>
<td></td>
</tr>
<tr>
<td>44979</td>
<td>Tie Tamper Steel - 4” w/ “V” Cut 18” OAL - Hex</td>
<td></td>
</tr>
<tr>
<td>35254</td>
<td>Pintle Chain - 2” x 24”</td>
<td></td>
</tr>
<tr>
<td>35254</td>
<td>Accumulator Charging Kit</td>
<td></td>
</tr>
</tbody>
</table>
The STANLEY TJ12 is one of the best track jacks available with an untouchable power to weight ratio. Built to last, the TJ12 has a 200% increased tool life compared to leading competitors. With a new carry handle, the track jack has improved ergonomics and is much easier to carry from job to job.

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

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**STANLEY Infrastructure**

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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 W50’s efficient design allows welds to be sheared prior to discriminating the weld mould, 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.

**FEATURES**
- Efficient hand pump.
- In-line handle.
- Controls placed away from shear for operator safety.
- 4 safety-locking handles.
- Replaceable rollers.

---

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.

**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.
- Cast aluminum construction.
- Integrated retractable blade position guide.

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**RAIL SAW MODEL RS25**

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HOSE TYPES

The rated working pressure of the hydraulic hose must be equal to or higher than the relief valve setting on the hydraulic system. There are three types of hydraulic hose that meet this requirement and are authorized for use with Stanley Hydraulic Tools. They are:

• Certified non-conductive - constructed of thermoplastic or synthetic rubber inner tube, synthetic fiber braid reinforcement, and weather resistant thermoplastic or synthetic rubber cover. Hose labeled certified non-conductive is the only hose authorized for use near electrical conductors.
• Wire-braided (conductive) - constructed of synthetic rubber inner tube, single or double wire braid reinforcement, and weather resistant synthetic rubber cover. This hose is conductive and must never be used near electrical conductors.
• Fabric-braided (not certified or labeled non-conductive) - constructed of thermoplastic or synthetic rubber inner tube, synthetic fiber braid reinforcement, and weather resistant thermoplastic or synthetic rubber cover. This hose is not certified non-conductive and must never be used near electrical conductors.

NOTE: SAE 100R16 may be used in place of SAE 100R2

RECOMMENDED HOSE CONFIGURATIONS

When a longer hose configuration is used by connecting hoses together, system back pressure is increased. Too high a back pressure may reduce performance and life of the tool. Stanley recommends back pressure not to exceed 250 psi / 17 bar. In addition, oil temperature should be limited to 140 degrees F / 60 degrees C.

For both 5 and 8 gpm (20 - 30 lpm) tools, standard hose with a 1/2” inside diameter is acceptable to use up to 100’ or 30 m when configured with (2) sets of 50 feet hose.

Stanley does not recommend the following configurations with 1/2” diameter hose:

• (4) sets of 25’ hose
• (3) set of 50’ hose + (2) sets of 25’ hose

These configuration will drive back pressure beyond recommended levels. For longer lengths between 100’ to 300’ Stanley recommends increasing the hose diameters to the following:

- 3/4” Inside Diameter Hose
- (2) sets of 50 feet hose.

When operating with longer hose lengths with the same diameter hose, back pressure increases. When operating hydraulic tools at 100’ with the 1/2” diameter hose, some decrease in performance is possible. This should not noticeably affect overall performance of the tool, but note it is not under optimal conditions with longer hose configurations.

HYDRAULIC SYSTEMS

Hydraulic systems come in many forms—from those found in the simple hydraulic jack to the more sophisticated systems found in earth moving equipment. The system required to operate most hydraulic tools found in this catalog would require 8 gpm / 30 lpm and be capable of providing system pressure up to 2000 psi / 140 bar. This system is referred to as a Type II, as classified by the Hydraulic Tool Manufacturers Association (HTMA). But there are also 3 other classifications. They are discussed below.

HYDRAULIC TOOL MANUFACTURERS’ ASSOCIATION (HTMA) REQUIREMENTS

Hydraulic tools fall into 4 classifications, Type I, Type II, Type III, and Type RR as set by HTMA. The system requirements for powering these tools are as follows:

OPERATING PRESSURE:

When operating a hydraulic tool, the system difference of pressure is the pressure required at the tool to power the tool across its connection. The system pressure limiting component shall begin to control the maximum pressure at no less than 2150 psi. This is commonly known as the “cracking pressure”. The system pressure limiting component shall limit the maximum pressure to 2250 psi for a Type I, Type II, or Type III tool. The system pressure limiting component shall limit the maximum pressure to 2500 psi for a Type RR tool.

OPERATING PRESSURE:

When operating hydraulic tools, the pressure at the tool is limited by the relief valve to a maximum value of the relief pressure as set by HTMA. The system requirements for operating pressure are as follows:

RELIEF PRESSURE:

When determining cooling capacity, the intended duty cycle and the system generated heat must both be considered.

COOLING:

When determining cooling capacity, the intended duty cycle and the system generated heat must both be considered.

FILTRATION:

Systems should have 25 micron nominal filtration for the hydraulic fluid. Recommended filter element size is at least three times the maximum expected ambient temperature. Recommended minimum cooling capacities to dissipate tool-generated heat are:

FLUID:

Hydraulic systems should use hydraulic fluid that has a viscosity of 130-225 SSU / 27-42 cst at 100° F / 38° C. Hydraulic fluids of petroleum base with anti wear properties and high viscosity indexes over 140 will meet recommended hydraulic fluid requirements over a wide range of operating temperatures. They should be dehydrating type to allow water to settle out of the fluid.

The hydraulic systems should generate no more than 250 psi / 17 bar return pressure (back pressure) at the tool when operating at maximum flow for the tool type. System conditions for this pressure are at maximum hydraulic fluid viscosity of 400 SSU (503) at minimum operating temperature.

The hydraulic systems should have sufficient heat rejection capacity to limit maximum oil temperature to 140° F / 60° C at the maximum expected ambient temperature. Recommended minimum cooling capacities to dissipate tool-generated heat are:

When determining cooling capacity, the intended duty cycle and the system generated heat must both be considered.

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COOLING:

The hydraulic systems should have sufficient heat rejection capacity to limit maximum oil temperature to 140° F / 60° C at the maximum expected ambient temperature. Recommended minimum cooling capacities to dissipate tool-generated heat are:

Type I
Type II
Type III
Type RR

When determining cooling capacity, the intended duty cycle and the system generated heat must both be considered.

FILTRATION:

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HANDHELD AND MOUNTED SOLUTIONS FOR ELECTRICAL, MUNICIPAL, RAILROAD, CONSTRUCTION AND DEMOLITION APPLICATIONS

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