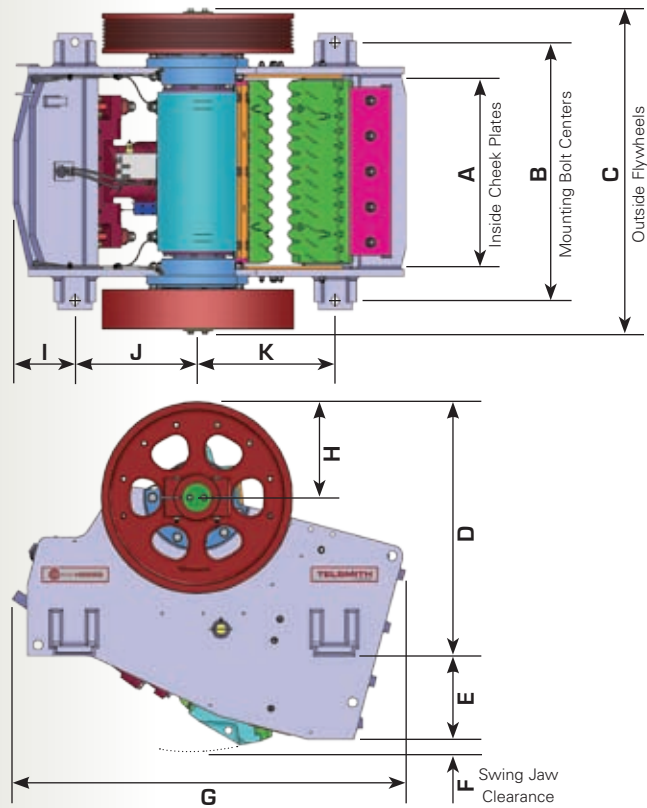


DIMENSIONS & SPECIFICATIONS:



| General Dimension | | | | |
|-------------------|-------|---------|--------|---------|
| | H2238 | | H2550 | |
| | US | Metric | US | Metric |
| A | 38" | 965 mm | 50" | 1270 mm |
| B | 52.2" | 1377 mm | 69.2" | 1760 mm |
| C | 73.1" | 1857 mm | 84.3" | 2141 mm |
| D | 61" | 1548 mm | 66.9" | 1700 mm |
| E | 22.7" | 577 mm | 23.2" | 590 mm |
| F | 1.5" | 38 mm | 3.4" | 85 mm |
| G | 96.9" | 2460 mm | 104.8" | 2662 mm |
| H | 23.6" | 600 mm | 25.6" | 650 mm |
| I | 16.4" | 416 mm | 16.5" | 420 mm |
| J | 30.2" | 768 mm | 36.6" | 929 mm |
| K | 34.7" | 882 mm | 32.7" | 831 mm |

TELSMITH

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TELSMITH HYDRA-JAW™ MODELS H2550 & H2238

| General Specifications | | | | | |
|---|--|--|--|--|-------------|
| | H2238 | | H2550 | | |
| | US | Metric | US | Metric | |
| Weight (includes hydraulic power unit) | 22,750 Lbs | 10,340 Kg | 35,600 Lbs | 16,148 Kg | |
| Jaw Opening (standard die) | 22 in x 38 in | 559 mm x 965 mm | 25 in x 50 in | 635 mm x 1270 mm | |
| Recommended Motor | 125 HP | 93 Kw | 150 HP | 112 Kw | |
| Recommended Crusher RPM | 275 RPM | | 250 RPM | | |
| Lubrication | Standard | Grease - lines plumbed to central distribution point | | Grease - lines plumbed to central distribution point | |
| | Optional | Automatic grease system | | Automatic grease system | |
| Miscellaneous Hardware | All bolts and hardware are metric standard | | All bolts and hardware are metric standard | | |
| Hydraulic System | Tank Capacity | 20 gallons | 75.7 liters | 20 gallons | 75.7 liters |
| | Motor | 7-1/2 HP | 5.6 Kw | 7-1/2 HP | 5.6 Kw |

Jaw Crusher Capacity Hydra-Jaw™ Models

| Crusher Model | | Crusher Closed Side Settings | | | | | | |
|---------------|------|------------------------------|-------------------|---------------|-------------------|----------------|----------------|----------------|
| | | 2" (50 mm) | 2 1/2" (63 mm) | 3" (76 mm) | 3 1/2" (90 mm) | 4" (100 mm) | 5" (125 mm) | 6" (150 mm) |
| H2238 | stph | 100 - 155 | 120 - 195 | 135 - 220 | 150 - 240 | 165 - 270 | 190 - 310 | 220 - 370 |
| | mtph | 90 - 135 | 105 - 175 | 120 - 195 | 135 - 215 | 145 - 240 | 170 - 275 | 195 - 330 |
| H2550 | stph | | 160 - 260 | 180 - 295 | 200 - 320 | 220 - 360 | 250 - 405 | 295 - 485 |
| | mtph | | 145 - 236 | 163 - 268 | 182 - 290 | 200 - 327 | 227 - 367 | 268 - 440 |

Notes: - Capacities are approximate total throughput based on an average material having a bulk density of 100 lbs/ft³.
- Throughput capacity will vary depending on the type of material, feed gradation, moisture content, feed method and other site specific operating conditions.

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Hydra-Jaw Models 06/10

The TelSmith HYDRA-JAW™ models combine a century of experience with the most advanced jaw crusher technology available today. The result is a reliable, highly productive line of jaw crushers that is easy to operate, easy to maintain and easy to install on wheeled or track mobile units.

From a distance, the most obvious element of the Hydra-Jaw™ is the sculpted, low profile look. FEA designed, the sculpted main frame reduces weight while maintaining strength and reliability. Designed with foot mounts located at mid level, the low profile jaw fits snugly into a chassis and is ideally suited for track or wheeled portable plant mounting.

Incorporating a unique hydraulic toggle, the Hydra-Jaw™ incorporates capabilities beyond traditional jaw crushers and can benefit every producer trying to reduce operating costs.

- **Hydraulic Adjustment** practically eliminates adjustment downtime. Finger tip controls allow operators to adjust the crusher whenever it will

benefit production and not have to wait until maintenance time allows.

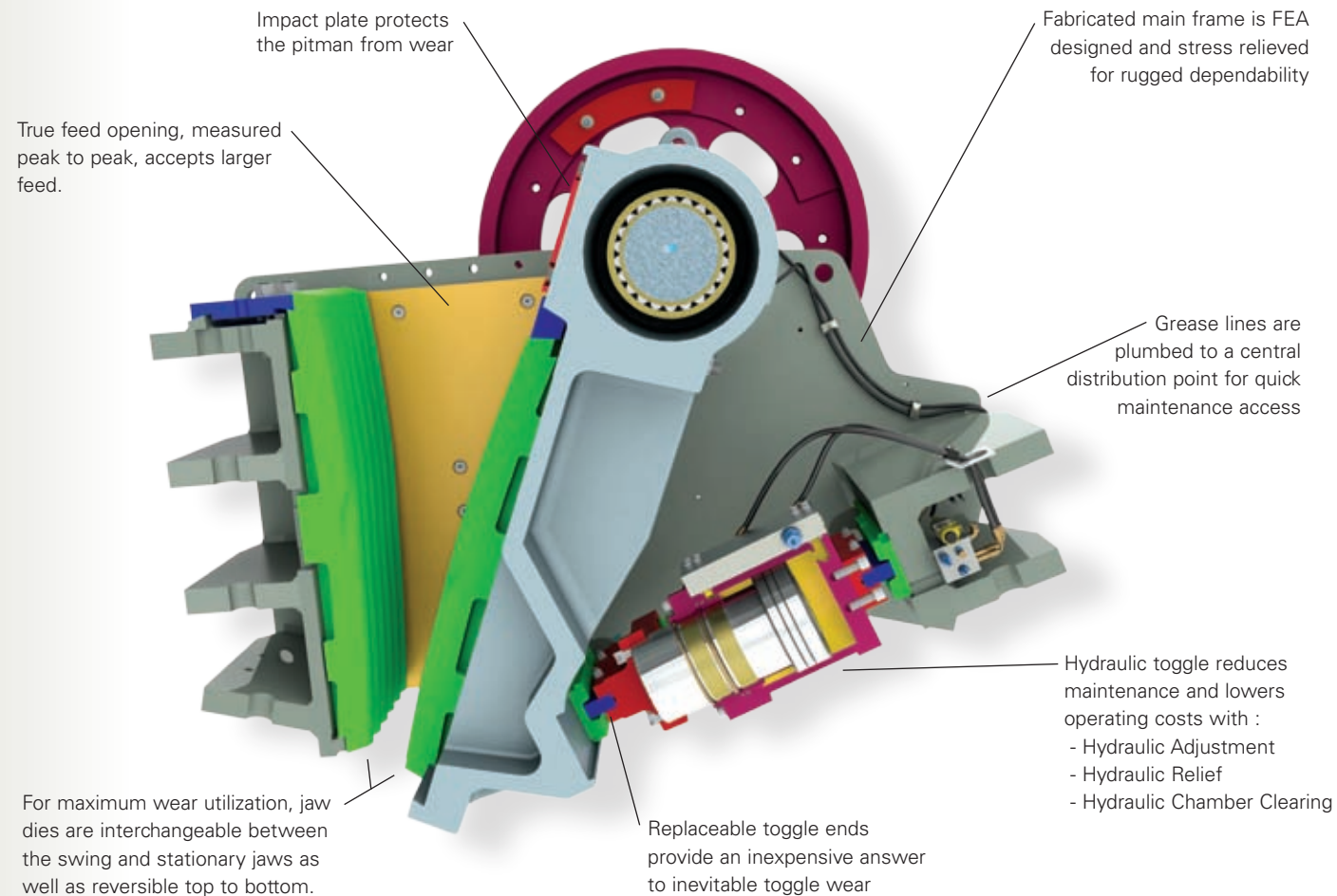
- **Hydraulic Relief** allows owners to avoid the expensive downtime and repairs that can result from tramp metal entering the crusher.

- **Hydraulic Chamber Clearing** allows the operator to safely clear the crusher, eliminating potential hours of downtime spent digging out the jaw. Crushing operations can resume in minutes following an emergency stop.

Reducing maintenance expense and downtime, the hydraulic toggle incorporates inexpensive, replaceable toggle ends. The Pitman Lockout Pin simplifies maintenance by locking the Pitman in the forward position, allowing the toggle to be retracted and lowered away for maintenance in one safe, simple operation.

Combining outstanding performance and rugged endurance with safe and simple operation, the HYDRA-JAW™ delivers technology that will benefit producers anywhere in the world.

HYDRA-JAW™ SECTION VIEW:

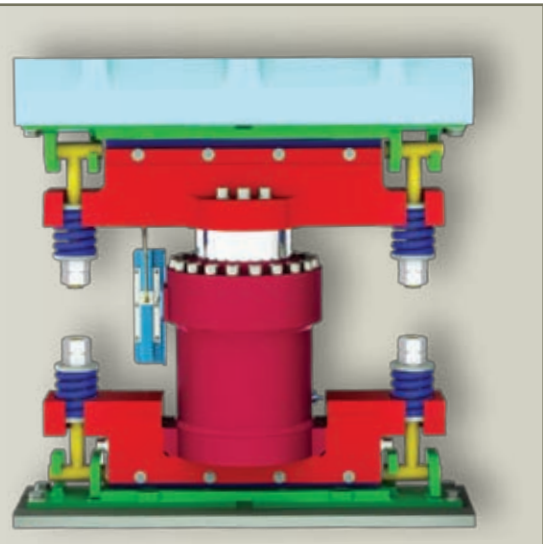


SPRING TENSIONING:

Innovative in its simplicity, the Hydra-Jaw™ toggle tensioning system saves time and costs by eliminating the need to adjust springs when changing the setting.

A simple mechanical spring assembly secures each hydraulic toggle end to its respective toggle seat. By securing each end independently, there is no need to adjust the springs when the setting is changed. Quick to assemble and reliable in operation, the assembly requires no special tools or maintenance.

Thanks to the innovative design, when the time comes to adjust the crusher setting, simply push the adjust button on the control panel and the setting is accurately set in moments - no tools required.



HYDRAULIC FEATURES:

Telsmith's advanced hydraulic toggle design reliably delivers features that can benefit every producer with reduced downtime and lower maintenance costs. Hydraulic adjustment, overload relief and chamber clearing can combine to eliminate days of downtime yielding a significant reduction in operating costs year after year.

The core of the Telsmith hydraulic toggle system is the robust hydraulic cylinder. Custom built specifically for the crushing environment, the cylinder incorporates a large piston for high crushing forces and an "oversized" rod for stability and strength. The unique bushing and seal are designed to hold up to the rigors of constant crushing in a dusty environment to deliver long service life with minimal maintenance.

HYDRAULIC ADJUSTMENT:

The Hydra-Jaw™ hydraulic adjust system is easy and safe to operate, reducing annual maintenance costs and improving plant productivity.

Using the hydraulic control panel, the operator adjusts the crusher in moments. There is no spring adjustment needed and no tools required. When compared with traditional shim adjustment, this approach eliminates as much as 1 hour



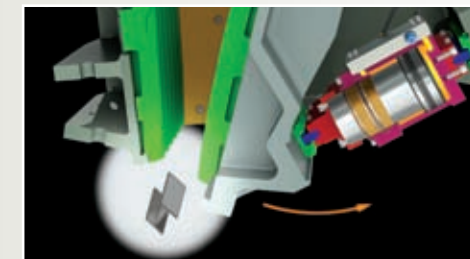
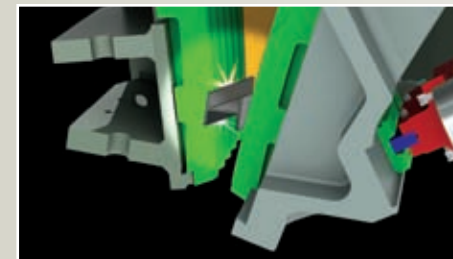
of maintenance downtime with every adjustment.

The ease and speed with which adjustments are made allows the operator to make frequent adjustments and not wait until the maintenance schedule allows. By maintaining the optimum feed size for the next crusher in the process, the plant yields greater productivity and improved quality control.

HYDRAULIC OVERLOAD RELIEF:

Designed to prevent catastrophic failure that may cause expensive downtime and repairs, the hydraulic overload relief system protects the crusher from tramp metal or other uncrushable material.

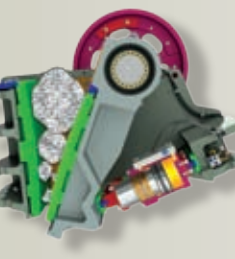
The hydraulic relief system automatically senses an overload condition and allows the crusher to open and tramp metal to pass. In the "Auto" mode, the crusher will automatically reset the discharge setting for continued operation.



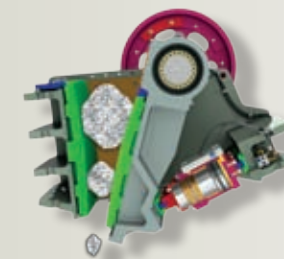
HYDRAULIC CHAMBER CLEARING:

Following a power failure or emergency stop, it is necessary to clear the crusher before re-starting. The old methods of digging out the primary crusher typically required as much as a full shift of downtime and put workers at risk of injury.

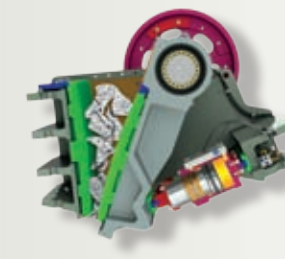
Telsmith's unique hydraulic chamber clearing system allows the crusher to start up in as little as 15 minutes. Through push button controls, hydraulics crush any stone that remains in the chamber preventing oversized material from passing onto the product belt. No digging out the crusher, no clearing off the belt, the plant starts back up as if nothing had happened.



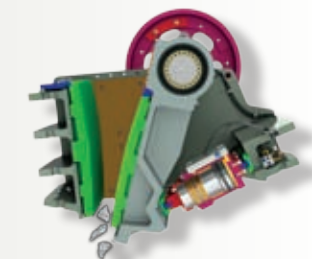
Need to clear before restarting



Open for smaller material to clear



Close to crush oversized material



Open to clear and back to work