

# The Engineered Craftsmanship Approach

The ATS Advantage

- ✔ **Unmatched Rigidity** – Our H-frame construction resists deflection during trimming. It maintains stable alignment and repeatable precision even under heavy or uneven loads.

✔ **Engineered for Tool Life** – Our precision-guiding system is built directly into the frame. It reduces side-loading/wear for accurate trims and longer-lasting tooling.
- ✔ **Tooling Savings** – The built-in guiding system eliminates the need for guidance in the tooling itself. That means lower upfront tooling costs and fewer maintenance headaches & costs over time.

✔ **Flexible Tonnage Options** – Presses available with variable tonnage up to 150 tons, tailored to match your part size, material, and production goals.
- ✔ **Several Versions, Tailored ROI** – From streamlined base models to fully featured systems, our press designs are tailored to your performance and budget needs without compromising on reliability.

✔ **Increased Throughput** – Fast, consistent press cycles reduce cost per part and allow more to get done with less reliance on hard-to-find or hard-to-replace labor.

## Why Choose ATS?

At ATS, we bring innovative solutions to life with our engineered craftsmanship mentality – the combination of engineering creativity with a willingness to explore new ideas. This mindset has allowed our offerings and products to broaden in the foundry industry for over 20 years. ATS specializes in automating and streamlining foundry finishing room processes with high-quality tools and presses that ensure optimal performance and durability.

ATS hydraulic presses are the most adaptable systems available for finishing demands and are built to evolve alongside automation. We’ve developed three new base model levels to streamline your workflow for specific operations. Our heavy and extreme duty models allow for more advanced or customized features.



# Hydraulic Presses

Base & Advanced Models Comparison

	Base Model			Heavy Duty	Extreme Duty
	Level 1	Level 2	Level 3		
ATS Signature H-Frame Design Version	Heavy	Heavy	Heavy	Heavy	<b>Extreme</b>
Precision Linear Guideway System	✔	✔	✔	✔	✔
Safety Light Curtains	✔	✔	✔	✔	✔
Safety Catch System	●	●	●	●	●
Pad-Lockable Maintenance Lock Bar	✔	✔	✔	✔	✔
Operator Controls Station (HMI, E-Stop, etc.)	✔	✔	✔	✔	✔
Auxiliary Hydraulics (Additional Custom Features)		●	●	●	●
Energy On-Demand		●	●	✔	✔
Hydraulic Oil Level & Temperature Sensing		●	●	✔	✔
Multiple Tonnage Configurations			●	●	●
Variable Tonnage Control		●	●	✔	✔
Adv. Hyd. Knockout System Option				●	●
Basic Part Ejection		●	●	●	●
Scrap Removal Options (Air Blowoff, Tilting Platen, etc.)		●	●	●	●
Auto Guideway Lubrication System		●	●	●	●
Platen Monitoring		●	●	●	●
Variable Platen Sizes			●	●	●
Part Transfer Options (Dial/Shuttle/Tilting Platen)				●	●
Ultra High Response Hydraulic Motion Control			●	●	●
Part Sensing Tool Protection			●	●	●
Quick Adjust Height Control	✔	✔			
Recipe-based Linear Transducer Height Control		●	✔	✔	✔
Push-Thru Options		●	●	●	●
Custom Configurable (Automation & Integration)				●	●
✔ Provided w/ System      ● Optional w/ System					



# Hydraulic Presses

Base & Advanced Models



## Eliminate Foundry Finishing Room Bottlenecks



Explore More

ATS designs and builds the most advanced line of Hydraulic Press Systems available for Foundry Finishing Rooms. Our engineered craftsmanship approach ensures your press is built to specific finishing requirements within your budget and ROI needs. We will develop a custom solution that eliminates costly bottlenecks and extends tool life.



# Base Models

Durable H-frames for Specific Operations



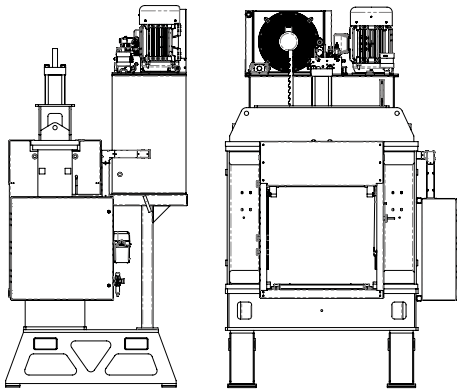
## Heavy Duty H-Frame

Our signature Heavy Duty H-frame presses deliver rock-solid rigidity, ensuring precise, repeatable trimming even under heavy loads. The stable frame design means consistent part quality and long-lasting reliability.

- 1. Precision Linear Guideway System
- 2. Safety Light Curtains (Integrated behind guarding)
- 3. Safety Catch System Option
- 4. Main Hydraulic Cylinder
- 5. Tooling Platens (Upper, Lower)
- 6. Pad-Lockable Maintenance Lock Bar
- 7. Operator Console (HMI, E-stop, etc.)
- 8. Quick Adjust Height Control

*\*Please refer to Feature Comparison chart for all available options.*

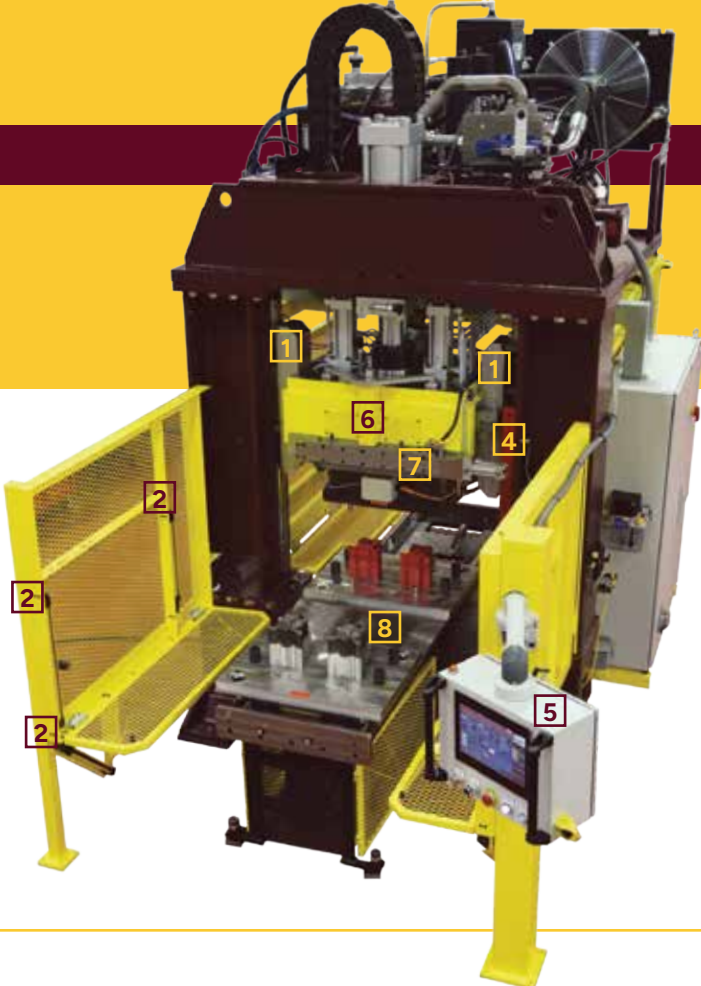
## Base Model Hydraulic Presses



	Level 1	Level 2	Level 3
Tonnage	50	50	Variable
Approach Speed	650 IPM	650 IPM	Based on Tonnage
Trim Speed	65 IPM	65 IPM	Based on Tonnage
Retract Speed	625 IPM	625 IPM	Based on Tonnage
Stroke	24"	Up to 36"	Up to 36"
Operator Height	40"	Up to 46"	Variable
Bed Size	48" x 68"	48" x 68"	Variable
HMI	Included	Included	Included

# Heavy Duty

Customizable, Variable Tonnage Up to 75 Tons

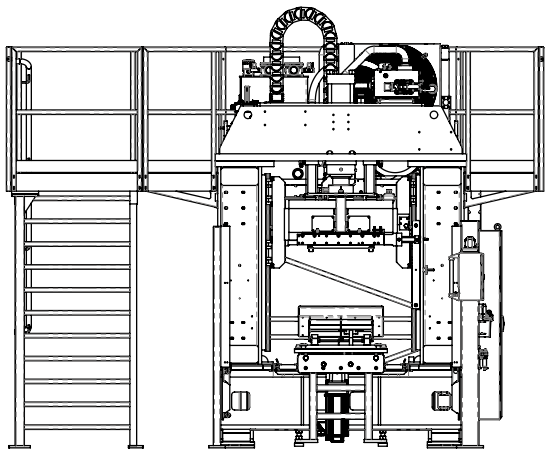


## Heavy Duty Performance

- 1. Precision Linear Guideway System
- 2. Safety Light Curtains
- 3. Safety Catch System Option (not pictured)
- 4. Pad-Lockable Maintenance Lock Bar
- 5. Operator Console (HMI, E-stop, etc.)
- 6. Hydraulic Knockout System Option
- 7. Hydraulic Auto Tool Clamping Option
- 8. 2-Station Shuttle Option

*\*Please refer to Feature Comparison chart for all available options.*

## Heavy Duty Hydraulic Press



Tonnage	Variable up to 75
Approach Speed	Up to 600 IPM
Trim Speed	Up to 270 IPM
Retract Speed	Up to 550 IPM
Stroke	34"
Operator Height	Up to 37"
Bed Size	Up to 24" x 44"
HMI	Included - Varying Sizes

# Extreme Duty

Customizable, Variable Tonnage Up to 150 Tons



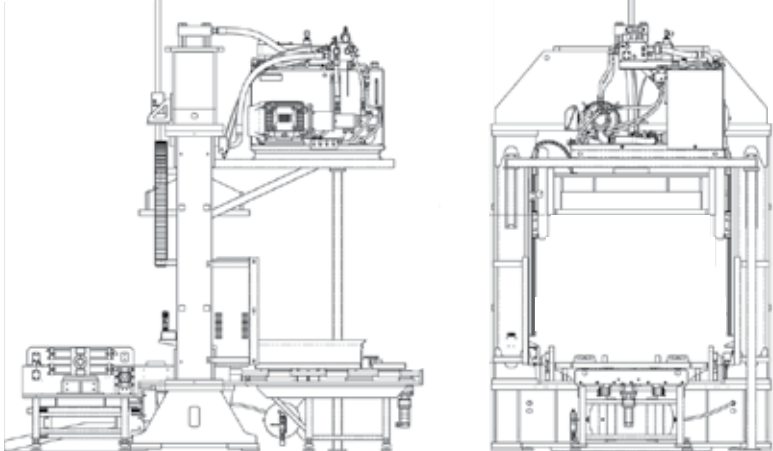
## Extreme Duty Performance

Thicker beams and taller frames boost moment of inertia, giving our extreme-duty H-frames superior strength at higher tonnages. The result is smoother performance, tighter tolerances, and maximum durability.

- 1. Precision Linear Guideway System
- 2. Safety Light Curtains
- 3. Safety Catch System Option
- 4. Tooling Platens (Upper, Lower)
- 5. Pad-Lockable Maintenance Lock Bar (not pictured)
- 6. Operator Console (HMI, E-stop, etc.) (not pictured)
- 7. 3-Station Shuttle Option (with Rollover Platen)
- 8. Way Lube Oiler Option

*\*Please refer to Feature Comparison chart for all available options.*

## Extreme Duty Hydraulic Press



Tonnage	Variable up to 150
Approach Speed	Up to 600 IPM
Trim Speed	Up to 240 IPM
Retract Speed	Up to 550 IPM
Stroke	Up to 40"
Operator Height	Up to 67"
Bed Size	Up to 48" x 68"
HMI	Included - Varying Sizes