

Manual and Fully Automatic Traveling-head Press



Last Edit on: 2/01/2018
By: Joseph Perry [Head of Sales and CEO]

WARNING

This manual is to be thoroughly studied to avoid damage to equipment, personal injury, and loss of life. Damage to equipment, personal injury, or loss of life due to failure to comply with the requirements and guidelines contained herein are the sole responsibility of the company and/or operator.

Every company that utilizes such a piece of equipment should develop company training and safety regulations to help its operators comply with the safety and maintenance standards found in this manual.

WARRANTY

All machines come with a standard one-year warranty included in the purchase price of the machine. Any warranty extensions, or special warranty coverage must be included in the signed customer contract with the reflected change in price to qualify.

SERVICE

To request machine service or to file a claim under warranty, please use the following contact information:

service@americanlickerpress.com

801-613-7997 [Follow prompts for a service representative]

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COMPONENTS AND FUNCTIONALITY

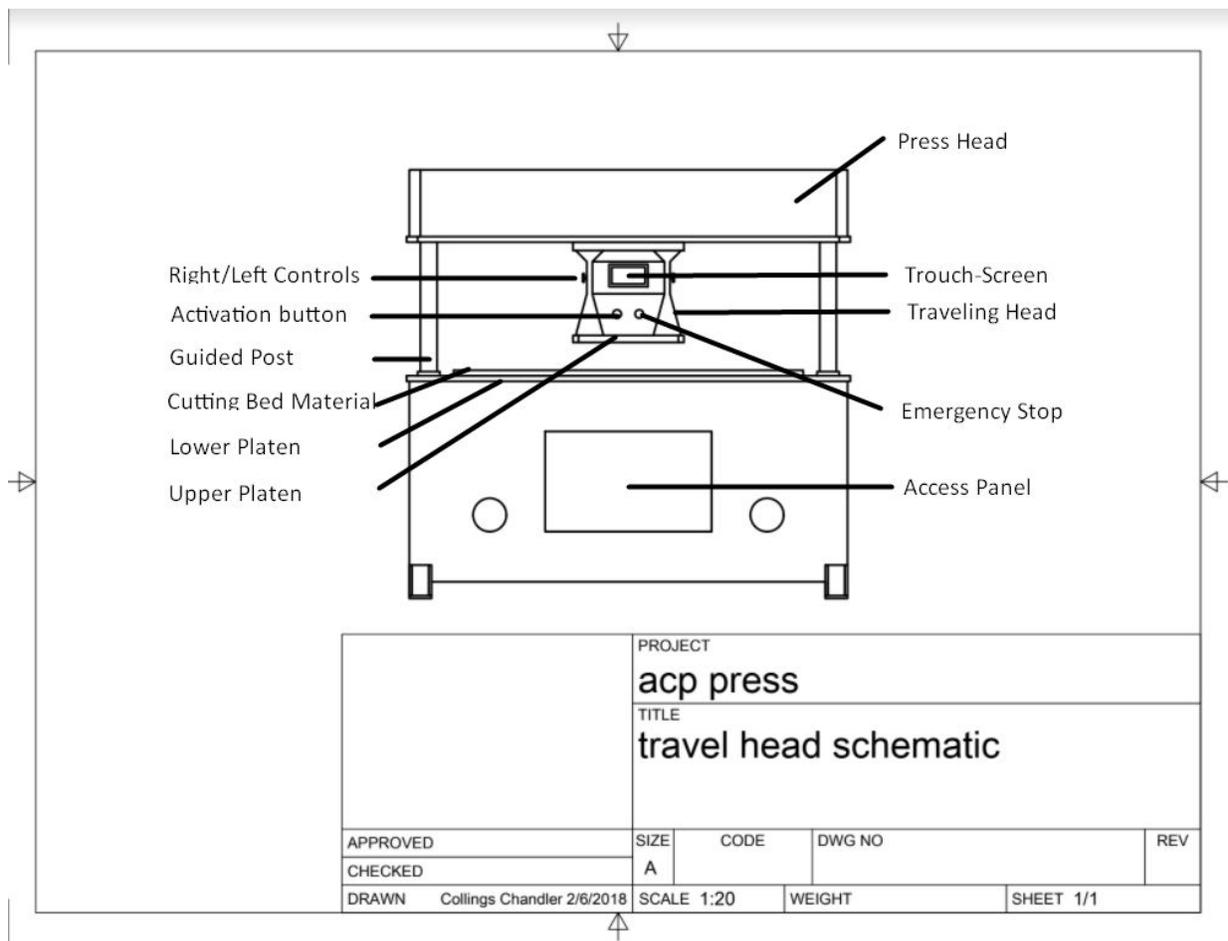
A traveling-head press is typically used for its ability to assign a large amount of force to a small cutting area. Typically this works well for cutting thick foam, rubber, leather, and even thin sheet metal.

A fully automatic traveling-head press comes fully equipped with right and left (semi-automatic controls) and fully-automated HMI/PLC-based functions (a series of cuts).

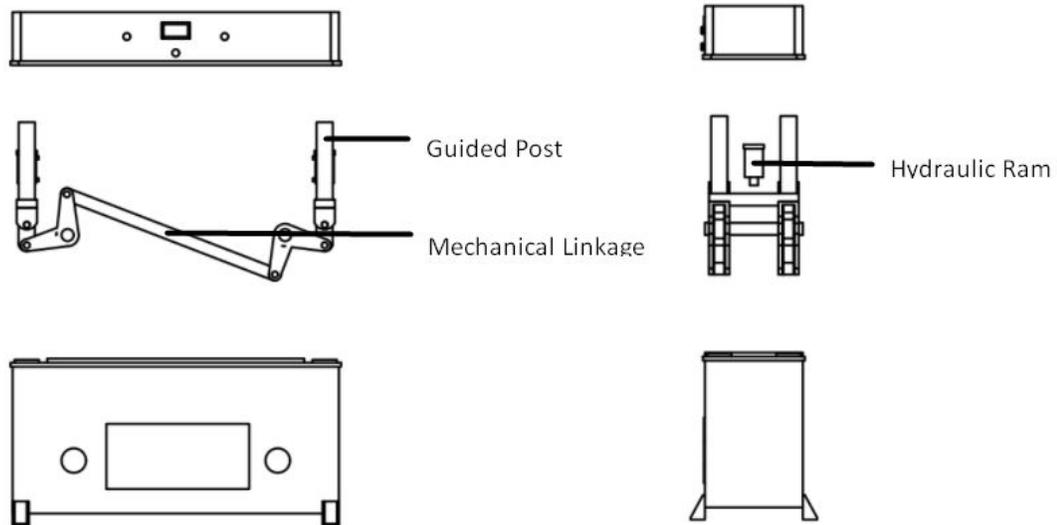
It is also equipped with a stop function for emergency situations requiring immediate function termination.

The easy touch-screen (HMI) controls allow for incremental, digital adjustments to reduce waste and increase product output.

Pneumatic pinch rollers are attached to the back of the machine for easy auto-feed with automatic material advancement.



The guided posts and mechanical linkage minimizes deflection across the large platen surface.



MACHINE INSPECTION

Once your machine has arrived at your location, take extreme care to look for any visible damage to the crating/packaging material, or to the press itself. If there appears to be any level of damage to the press, please call us immediately while the truck driver is still on site to discuss with us the nature of the damage. If the damage is significant or beyond what you are comfortable accepting, please reject delivery. If it appears to be something that can be fixed in an appropriate timeline for a low enough cost to be worth bypassing the shipping claims process, we can negotiate the terms of machine service with written and signed consent. Then the load may be accepted according to the document outline.

MACHINE TRANSPORT AND PLACEMENT

Take extreme care when moving your press. Measures such as strapping the press to the forklift gate, moving while the unit is close to the ground, and moving slowly, can help to ensure safety during unloading and placement.

Unless otherwise designated by the customer invoice, the customer bears full responsibility for placing and installing the machine at the intended facility. To qualify for the Warranty outlined in

the following section, the customer must have a qualified electrician or facility technician fill out the warranty initiation form. This is ACP's assurance that the machine was properly installed and allows for complete certainty of the circumstances when providing warranty support. It is the customer's responsibility to ensure that their facility is graded for the power requirements that they agreed to on the customer invoice. It is the customer's responsibility to ensure that there is protocol implemented for safety, use of, and proper care for the press. ACP can provide training on these matters if desired. It is the customer's responsibility to be fully acquainted with proper use, safety, handling, and maintenance as outlined in the service manual. It is the customer's responsibility to be up-to-date on all safety implications that their state has set forth regarding industrial die-cutting equipment.

SETUP

ELECTRICAL:

To qualify for your warranty, you must have an ACP technician or a qualified electrician connect your machine to the proper power requirement. Anyone other than an ACP technician will need to fill out the warranty setup form to validate proper setup procedure.

To function properly, the motor must be set to the correct polarity. To check that you have the correct polarity, turn on the machine and make sure the motor is running clockwise. Try not to run this test for more than 10 seconds. It should be very clear if the polarity is wrong. The press simply will not work as intended, and the polarity will need to be reversed.

OIL:

Add approximately 15 gallons of AW46 hydraulic fluid into the oil chamber. The oil level must be 1" above the oil filter at all times for the machine to function properly.

OPERATION

- 1) Do not put your hands (or any body part) under the platen for any reason at any time.
- 2) Do not tamper with the press in any way to attempt to increase pressure above what it is graded for
- 3) Do not attempt to cut materials requiring tonnage above the press' intended use.
- 4) Tape off a dedicated work area where only one operator is allowed at any given time. Keep this area free of obstacles that may increase chances of tripping and falling. Tripping and falling hazards may increase risk of death or injury when in close proximity to the press.
- 5) Ensure the operator is attentive at all times. Avoid use of anything that might impair your vision, hearing, or decision-making abilities while operating the press.

- 6) Loose or baggy clothing, long hair, or accessories may increase chance of injury during operation.
- 7) Pay close attention for indicators that the machine may not be working properly. Agitated functions or above average noise levels may be indicators that the press is not working properly. Once an indicator is observed, cease operation immediately and call to speak with a service agent who can help you know whether or not it is safe to continue operation.

MAINTENANCE

Avoid overloading your press. 50 tons is the maximum output for this machine. It is not build to be run at maximum capacity all day every day. Maxing out the machine's amperage on a regular basis may be grounds for refusal on a warranty claim. Maxing out the machine's amperage daily can cause a decrease in effectual tonnage. If you plan on running a machine at 50 tons all day, every day, buy a 60-70 ton press or call to see if your machine qualifies for a tune-up service.

Avoid getting your machine wet, or operating in moist or extreme humid conditions. Avoid operating the machine in temperatures below 32 degrees fahrenheit.

Monitor you machine's oil level regularly and ensure that it stays 1" inch above the oil filter at all times. Top off your oil if it is low. You may need to change your oil if it appears dark, musty, or has debris in it.

Keep your machine free of dust and debris. Wipe down after every use. Dust and debris can thicken and dirty the hydraulic fluid over time if not controlled.

If you are keeping your press free of dust and debris and/or working in a clean environment, you will likely only have to replace your hydraulic fluid and clean/replace your oil filter every 3000 hours of operation.

If your press operates in a dusty or dirty environment, or cuts, abrasive, sand based, clay based, or other products that give off grit, dirt, etc, you may need to change your oil as often as every 500 hours of use. If this describes your application, make sure you monitor your oil color and thickness often and clean the reservoir and oil filter thoroughly during each oil change.

PLC OPERATION

*CONTACT US TO REQUEST FULL ACCESS TO THIS DOCUMENT

ELECTRICAL DIAGRAM

*CONTACT US TO REQUEST FULL ACCESS TO THIS DOCUMENT

HYDRAULIC DIAGRAM

*CONTACT US TO REQUEST FULL ACCESS TO THIS DOCUMENT