

# **MS600**

## **SWING STYLE PICKET POINTER**



**OPERATOR'S MANUAL**

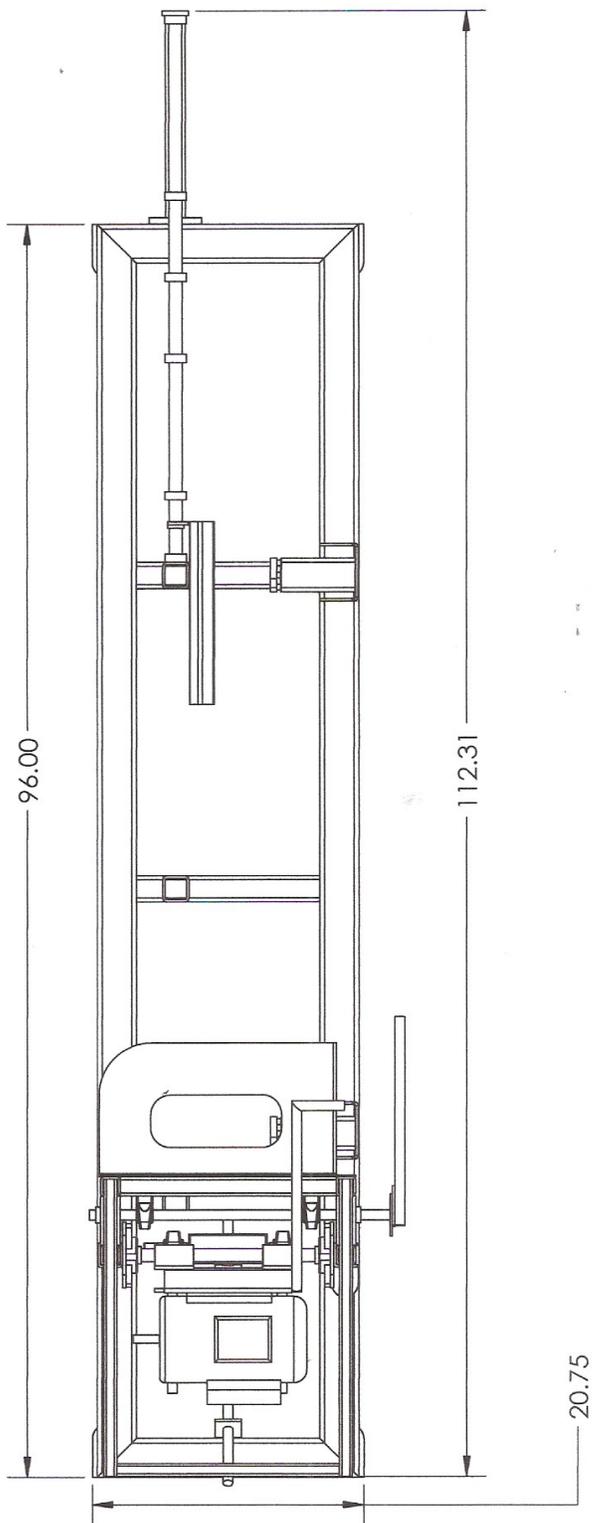
## **WARRANTY INFORMATION**

All of Dyna-Bignell Products LLC'S equipment comes with a 12 month limited warranty. If any product or part is proved to be defective by reason of improper workmanship and/or material we will replace, at our discretion, that part or product at no charge to you. To obtain warranty service, the customer must deliver the part or product to the below address at their expense. A copy of the original sales invoice is required when requesting warranty work.

The above warranty does not cover defects caused by modification, alteration, or repair of the part or product in question, by anyone other than the manufacturer, physical abuse to, or misuse of, the product or use or assembly thereof in any manner contrary to the accompanying instructions.

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DRAWN BY: Stephen Miller	DATE: 4/27/2008 2:42:07 PM	DYNA PRODUCTS
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<b>PROPRIETARY AND CONFIDENTIAL</b>		SCALE: 1:12
<b>Plate Thickness:</b>		SHEET 4 OF 4

## **SAFETY**

Always keep clothing, hands and all body parts away from moving parts. Moving parts can cause injury or death.

Use protective clothing such as gloves, hard hat safety eye wear, footwear, etc.

Only responsible, well trained operators should use this machine.

Always lockout air and electrical service when servicing or adjusting this machine.

**READ THIS MANUAL COMPLETELEY BEFORE ATTEMPTING TO USE THE MACHINE!**

## **MACHINE SETUP**

The MS600 picket pointer machine can be set up to different styles of points. The instructions will guide you through the setup processes of your picket pointer machine.

### **ELECTRICAL**

A qualified electrician is required to hook up the this machine. The correct voltage must be confirmed on the motor name plate. Use the correct size breaker box, wiring and connectors on the system. The switch box must be correctly grounded to ensure safety.

**WARNING!** Never attempt to repair or install the electrical system unless the breaker is properly locked out.

The top terminals of the starter are for the incoming line wires. See illustration 1.

Line Terminals



Fig. 1

### **ROTATION**

When starting the motor initial, let rotate very briefly to check for proper rotation. When facing the motor pulley, it should rotate counter clockwise.

## START UP

When the electrical connections are correctly made, you may proceed with the air hook up. **NOTICE:** KEEP MOTOR TURNED OFF WHEN HOOKING UP THE AIR SUPPLY INITIALLY.

## TAIL STOP

If tail stop is not installed when machine is delivered, you need to install it before starting machine. Insert two bolts (supplied) and tighten collar onto shaft. See Fig 2a

## AIR SUPPLY

Use clean dry air in the GPP66 Picket Pointer air system. The air must be attached to the inlet side of filter, regulator, lubricator setup. See Fig. 2. The pressure should be set at approximately 110 PSI.

Turn brass drip control completely clockwise, then open 1 full turn counterclockwise.



Fill with air tool oil.

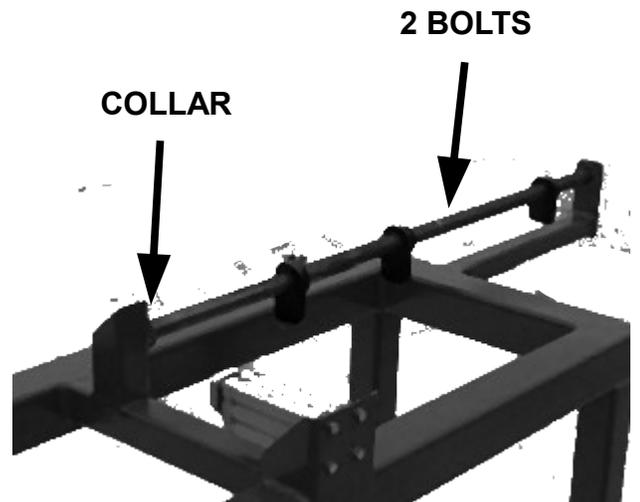


FIG 2a

FIG 2

## ADJUSTMENTS

The point of the post may be shortened by adjusting the optional stop plate away from the post. See fig 3. A tail stop setup may be used for the same purpose. See fig 4. Adjusting the tail stop to the right will shorten the point. Several different stop settings may be used to quickly go from one point type to the next.

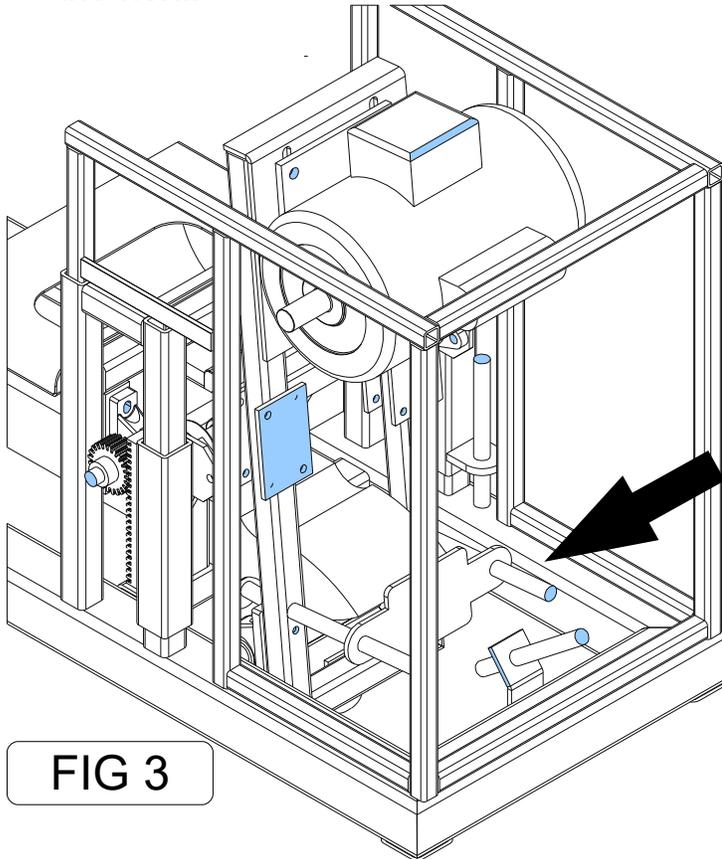


FIG 3

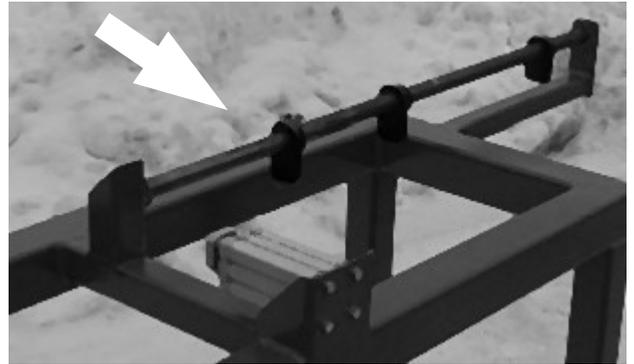


FIG 4

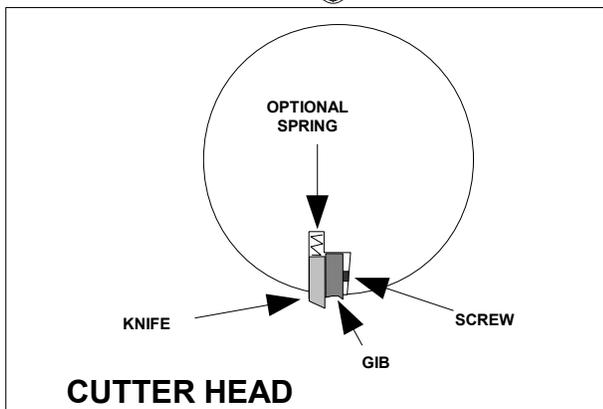


FIG 5

## BLADE ADJUSTMENT

The MS600 blades should be set using the supplied gauge block . See Fig 5. The knife clamps (gibs) must be loosened with just slight pressure kept on blade and then carefully slid into the slot. The gauge block is set on the center of the head as shown. Turn the head with the blade turned downward. The depth setting may vary with different species and moisture content of wood. It should be set deep enough to clear it's self of shaving build up and yet shallow enough so as not to cause excess chattering and motor overheating.

## ADJUSTMENTS CONT...

A simple way to find the correct locations is to clamp a pointed board into the machine and bringing the cutter-head into contact with the notch or point position of that board then set the stops.

The French Gothic notch depth is adjusted by moving the stop (Fig 5b) up or down.

The point radius can be adjusted by loosening the head frame clamps (Fig 6) and sliding the complete assembly up or down. When making this adjustment, be sure to keep the cutter head square before re-tightening

The swing stroke is limited by the 2 stops shown in Fig. 7. Stop (A) should be adjusted so the head carriage is in a 90 degree vertical position.



FIG 5b

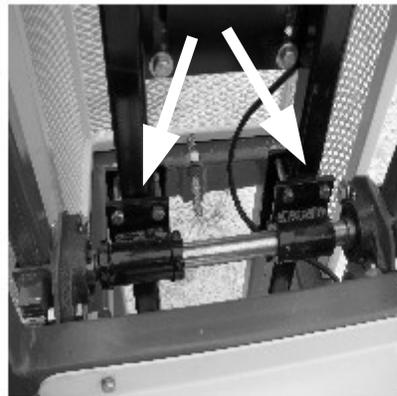


FIG 6

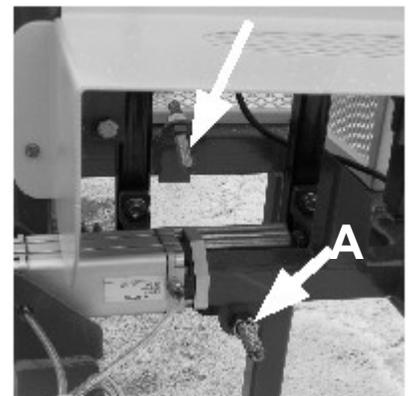


FIG 7

## OPERATION

Place post or boards (up to 6") into machine. Bump the post against the stop and activate clamps with hand valve (Fig 8). Pull handle (A) down for French Gothic notch, then release. Pull handle (B) for the final point. Follow through with this cut until the head hits the stop (Fig 9).

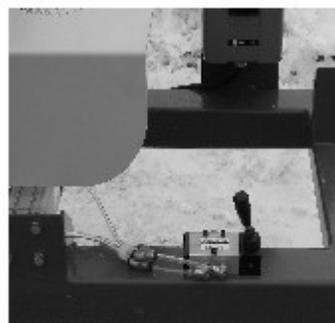


FIG 8

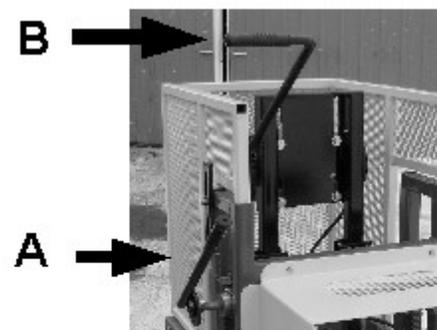


FIG 9

MODEL \_\_\_\_\_

SERIAL # \_\_\_\_\_

Mfg. Date \_\_\_\_\_

Mfg.by:

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