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|----------------------------|---------------------|
| 1. Setting Blades Cylinder | 4. Felt Sleeve |
| 2. Support Rubber Roller | 5. Spreading Roller |
| 3. Feed Pressure Roller | 6. Leather |

736 Hydraulic Setting Out and Sammying Machine.

By 3H all series machines, over 40 years experience in this field, we use quality components and materials with new techniques to design those reliable and profitable machines for tanners.

We have planned this machine to set medium and heavy cowhides after dyeing and fat liquoring to prepare them in the most suitable way for the subsequent drying operation on the process of Vacuum dryer.

A hide, through the 3H Model 736 setting out machine, can be approached the right degree of moisture content and good flatness result by wonderful machine spreading. The hide can be reduced the drying time and temperature as much as possible on following processes on vacuum dryer.

The advantages as the excellent effects could be gained during 3H Setting-out machine production:

- Reducing labor and maintenance costs.
- Saving of energy by high efficiency of mechanical design.
- Gaining 8% more in footage by special adjustment of setting blades cylinder and rubber roller.
- Increasing incredible high output and getting investment return fast.
- Improving leather quality, reducing wrinkle and getting smooth grain of leather.

This machine is provided basic functions with: (The customizing is option and available)

- The Hydraulic unit drives supply the power to operate separate motor as following:
 - 1) The Support Rubber roller, the Feed Pressure roller and the Spreading roller: from 0 to 24 meters per minute.
 - 2) The Sammying pressure adjustable up to 18 tons.
- The Support Rubber roller allows a quick and easy feeding of hides on open/close movement of machine. The open/close motion is run by an independent hydraulic motor system.
- Adjusting Thickness between Blades Cylinder and Rubber roller can be controlled by a digital display on electric control panel, and its motion is run by one independent motor.
- The Safety devices is equipped for all operation requirements.
- The Setting blades cylinder roller with special processing on the edge of the slick stainless steel which could be used long life and to avoid marks on the leather, even getting bigger leather footage on production.
- The intelligent detection on blades cylinder to avoid any scraped mark on smooth surface of support rubber roller. When power shut-down during machine running, the support rubber roller will return to open position, swing down automatically.

Working Width	3000 mm	3300 mm
Attendance	2 operators	2 operators
Output per hour	100 sides or 75 hides	100 sides or 75 hides
Feed speed(Speed variable)	0-24 m/Minute	0-24 m/Minute
Main motor	22.5 kW	30 kW
Hydraulic unit	11.25 kW	11.25 kW
Thickness control motor	0.19 kW	0.19 kW
Total power require	33.94 kW	41.44 kW
Sammying pressure(Maximum) (Pressure variable)	18 Tons	18 Tons
Floor space required (mm)	5820 x 2210	5820 x 2210
Net weight	8200 kgs	8700 kgs
Gross weight	9000 kgs	9600 kgs
Seaworthy volume	26.9 CBM	28.3 CBM
In addition for felt sleeve replacement provide free space (the right side of Front view)	3300mm	3500mm

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736

Hydraulic Setting Out and Sammying Machine. **3000 MM**

3300 MM



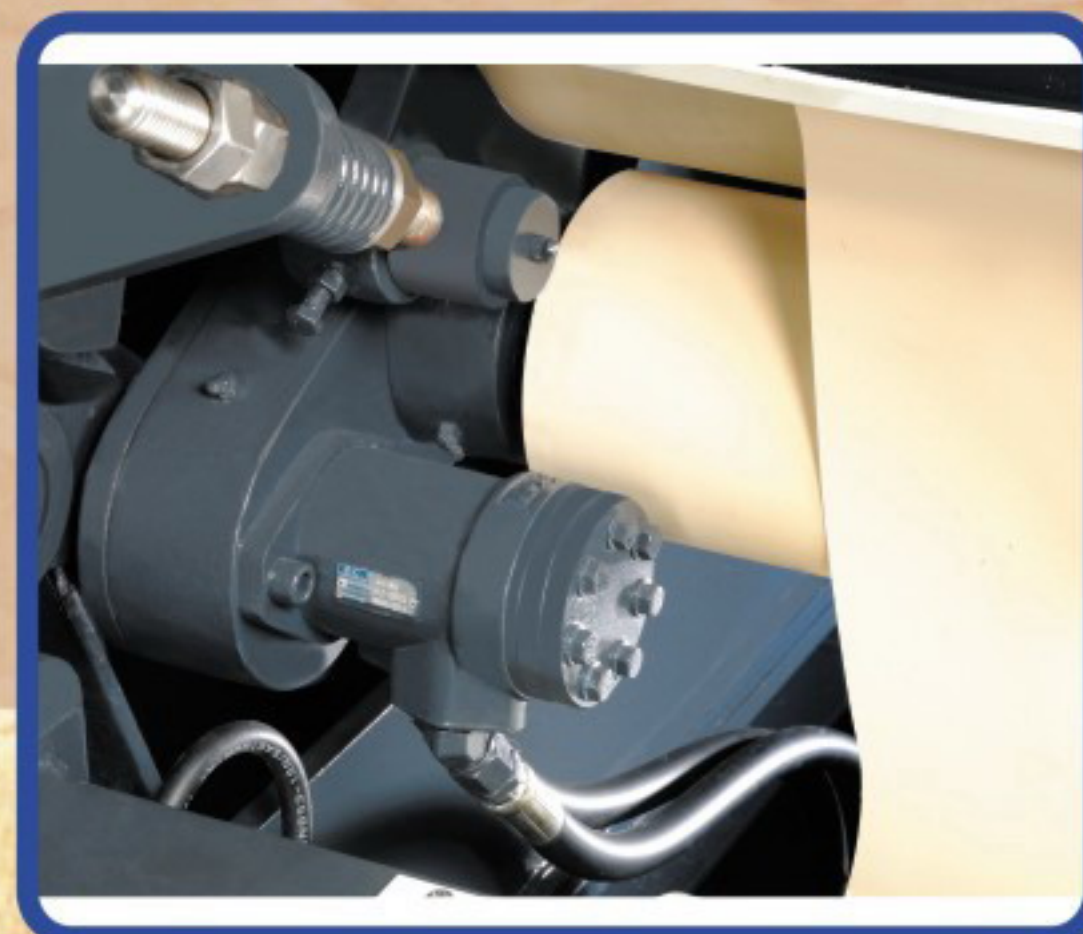
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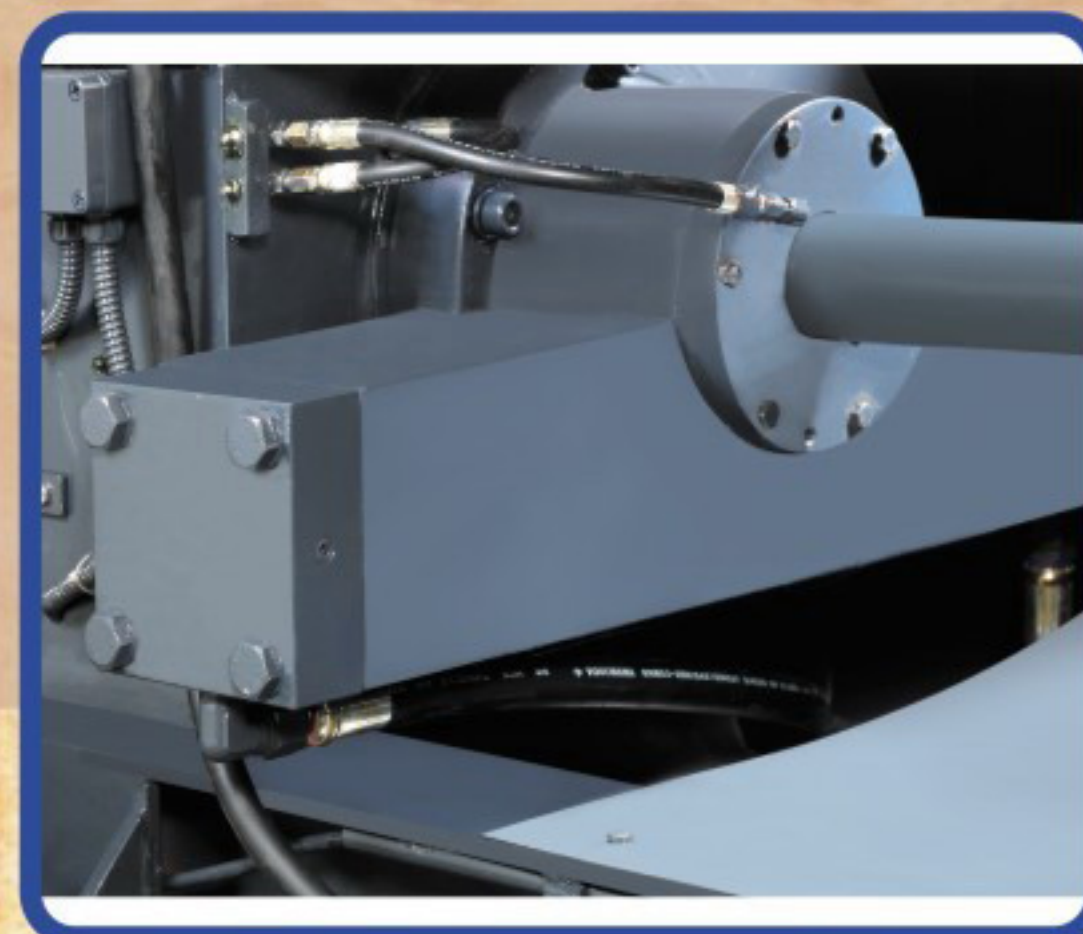
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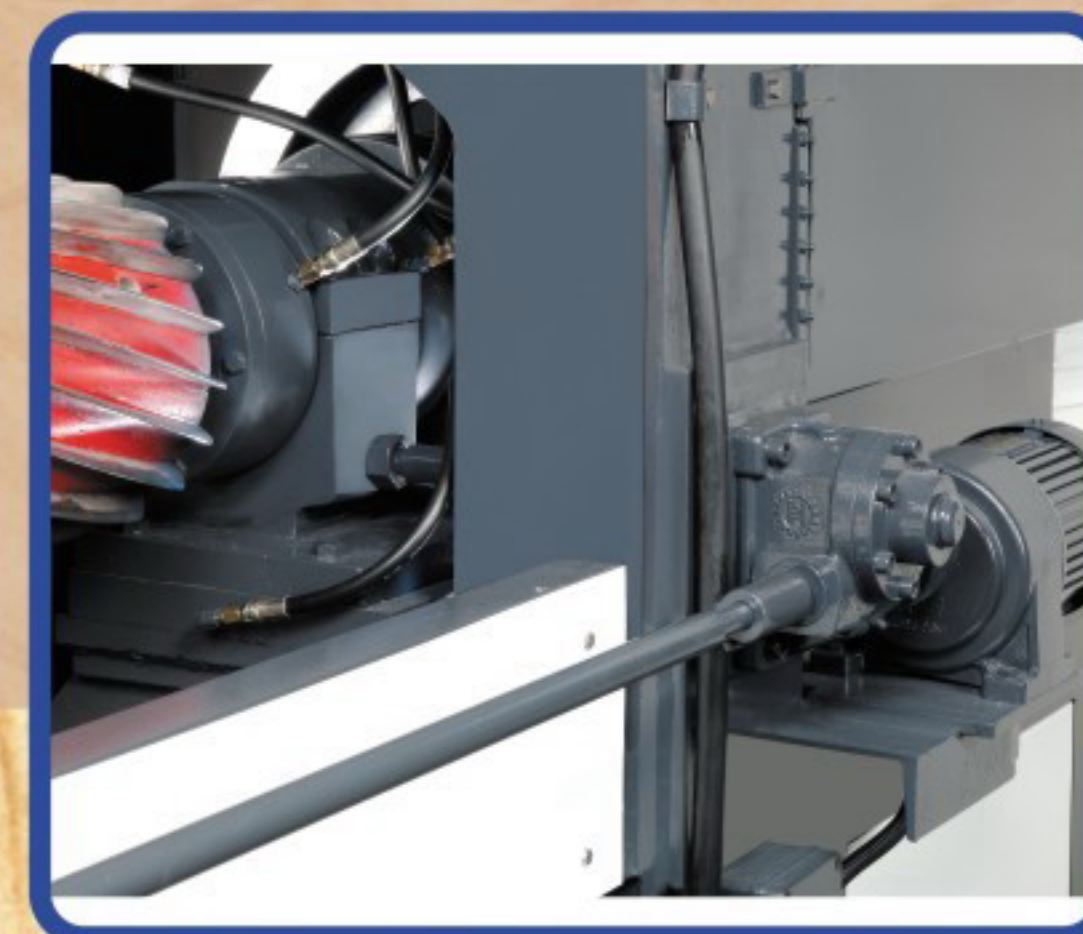
Digital Display for Thickness.



Hydraulic Motor for Spreading.



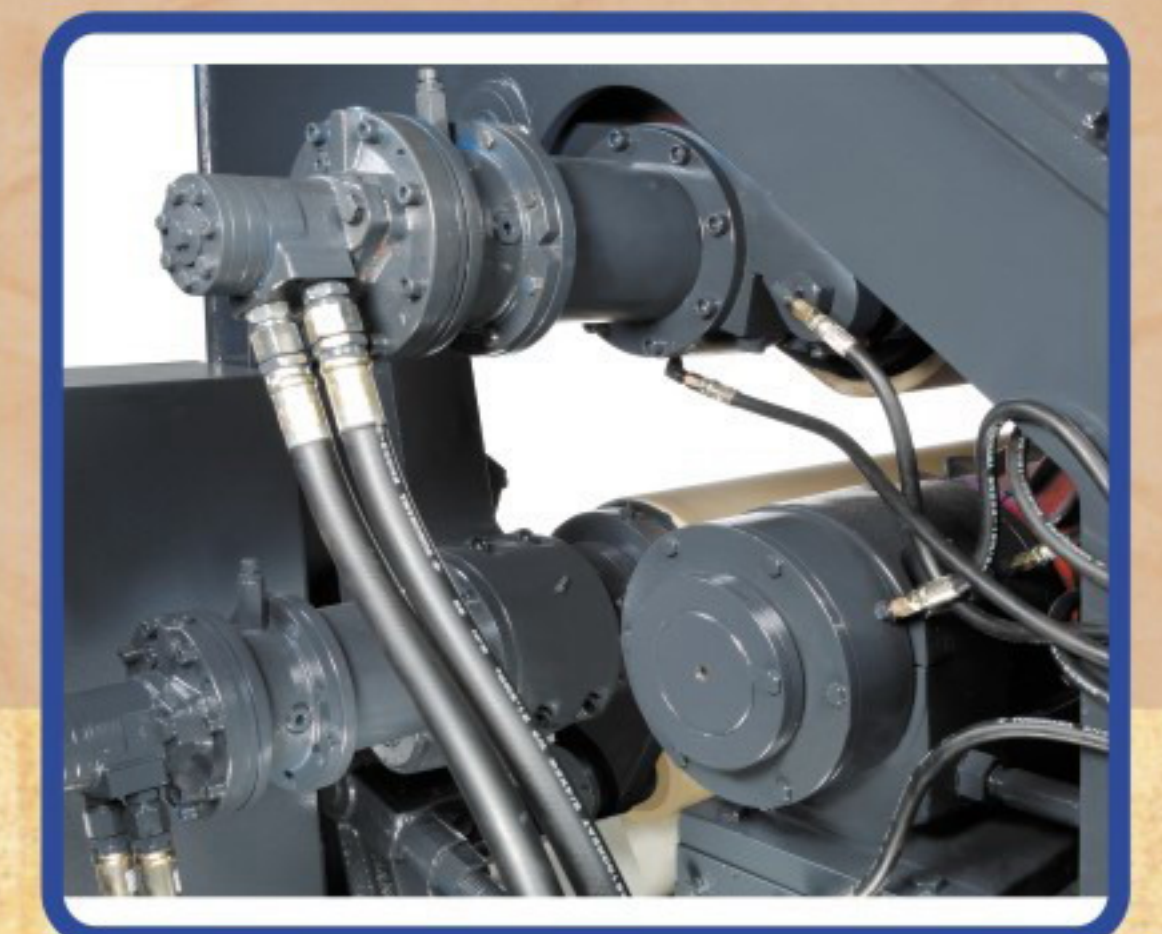
Hydraulic Piston for Opening & Closing.



Thickness Control Motor.



Hydraulic Unit.



Independent Hydraulic Motors