

AUTO BALANCE FULL HEAD

Hydraulic Die Cutting Machine

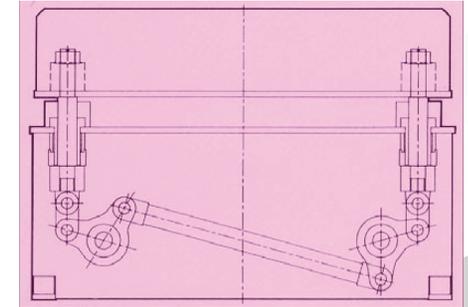


RELIABLE, SAFE, & EFFICIENT

AUTO BALANCE FULL HEAD

Applications:

These machine are suitable for die cutting a wide range of materials including textiles, plastics, rubber, foam, composites, paper & paperboard, wood, leather, cork, automotive upholstery, gaskets, filters, abrasives, shoe components, envelopes, medical supplies, packaging, sponges, caps, linings, balls, stickers, floor tiles, leather goods, floor mats, toys, and more.



Features & Benefits:

- ▶ Two independent differential cylinders operate through a four column guide providing the motive power.
- ▶ Twin coupled torsion bar linkages maintain parallel closure of the press throughout its stroke, preventing any deviation when faced with off center loads.
- ▶ An automatic self-lubrication system continuously lubricates the balancing mechanism assuring precision and long life.
- ▶ A flywheel coupled pump provides a high tonnage cutting force while reducing the horsepower requirements of the motor.
- ▶ The hydraulic circuit features a built-in decompressor that reduces any shock and minimizes noise.
- ▶ The hydraulic system employs a fast head approach speed to maximize productivity and has a built-in slow down as the die penetrates the material to ensure accuracy between the top and bottom plies of the cut material.
- ▶ Press controls are conveniently located at the front right-hand side of the press, adjacent to the cutting area and are designed to be both functional and user friendly. The press can be set or adjusted quickly and simply.
- ▶ Machines are available with single manual work trays or can be fitted with a variety of optional standardized feeding equipment and other devices to tailor to suit specific or individual requirements.

Model	F33 - 060160	F44 - 070160	F66 - 090160	F110 - 090160	F165-090160
Cutting Force*	33 US Tons	44 US Tons	66 US Tons	110 US Tons	165 US Tons
Max. Open Daylight†	6.3"				
Stroke	4.3"				
Down Stroke Speed	5.9" / Second	5.5" / Second	4.7" / Second	3.9" / Second	3.5" / Second
Up Stroke Speed	5.9" / Second	4.7" / Second	3.9" / Second	3.5" / Second	3.5" / Second
Cutting Area (Bed Size)‡	23.6" x 63"	27.5" x 63"	35.4" x 63"		
Pump Motor	5 HP		7.5 HP	15 HP	20HP
Net weight	5,720 lbs	5,940 lbs	9,130 lbs	13,200 lbs	16,500 lbs
Dimensions (w, d, h)	93" x 73" x 56"	98" x 77" x 58"	98" x 87" x 59"	98" x 87" x 60"	107" x 91" x 67"

* Tonnages up to 400 tons
 † Alternate, increased, stroke, and daylight options are available (7.1" : 9.1" & 9.8" : 11.8")
 ‡ Larger head and bed sizes are available

This company reserves the right to supply products that may differ slightly from those described in this publication.



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