

***Auto Balance
Full Head Hydraulic
Die Cutting Machine***



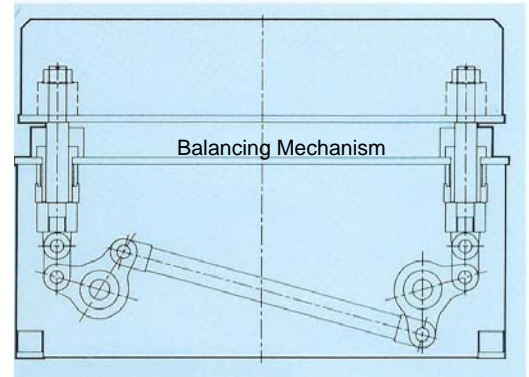


Applications:

These machines are suitable for die cutting an extremely wide range of materials such as textiles, plastics, rubber, foam, composites, paper and paperboard, wood leather, cork, felt, as well as items like, automotive upholstery, gaskets, filters, abrasives, shoe components, envelopes, medical supplies, packaging, sponges, caps, linings, balls, stickers, floor tiles, leather goods, floor mats, toys, etc...

Features and Benefits:

- *Two Independent Differential Cylinders, operating through a Four Column guide mechanism provide the motive power.*
- *Twin coupled Torsion Bar linkages maintain parallel closure of the press through out its stroke, preventing any deviation even when faced with off center loads.*
- *An automated self-lubrication system continuously lubricates the balancing mechanism assuring high precision and long life.*
- *A Flywheel coupled pump provides a high tonnage cutting force whilst reducing the horsepower requirements of the motor.*
- *The hydraulic system employs a fast head approach speed to maximize productivity , but 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, in moments.*
- *The hydraulic circuit features a built in decompression mechanism that reduces any shock and minimizes noise.*
- *Machines are available with Single Manual Work Trays, or can be fitted with a variety of optional standardized feeding equipment and other such devices to tailor them to suit specific, or individual, special requirements.*



Specifications:

Model	F33-0616	F 44-0616	F 66-0716	F 110-0916	F 165-00916
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	5 HP	7.5 HP	15 HP	20 HP
Net Weight	5,720 lbs	5,940 lbs	9,130 lbs	13,200 lbs	16,500 lbs
Dimensions (w x d x 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"

% Alternate, increased, stroke and daylight options are available (7.1" : 9.1") & (9.8" : 11.8")

Larger head and bed sizes are available

† Tonnes up to 400 tons

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



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