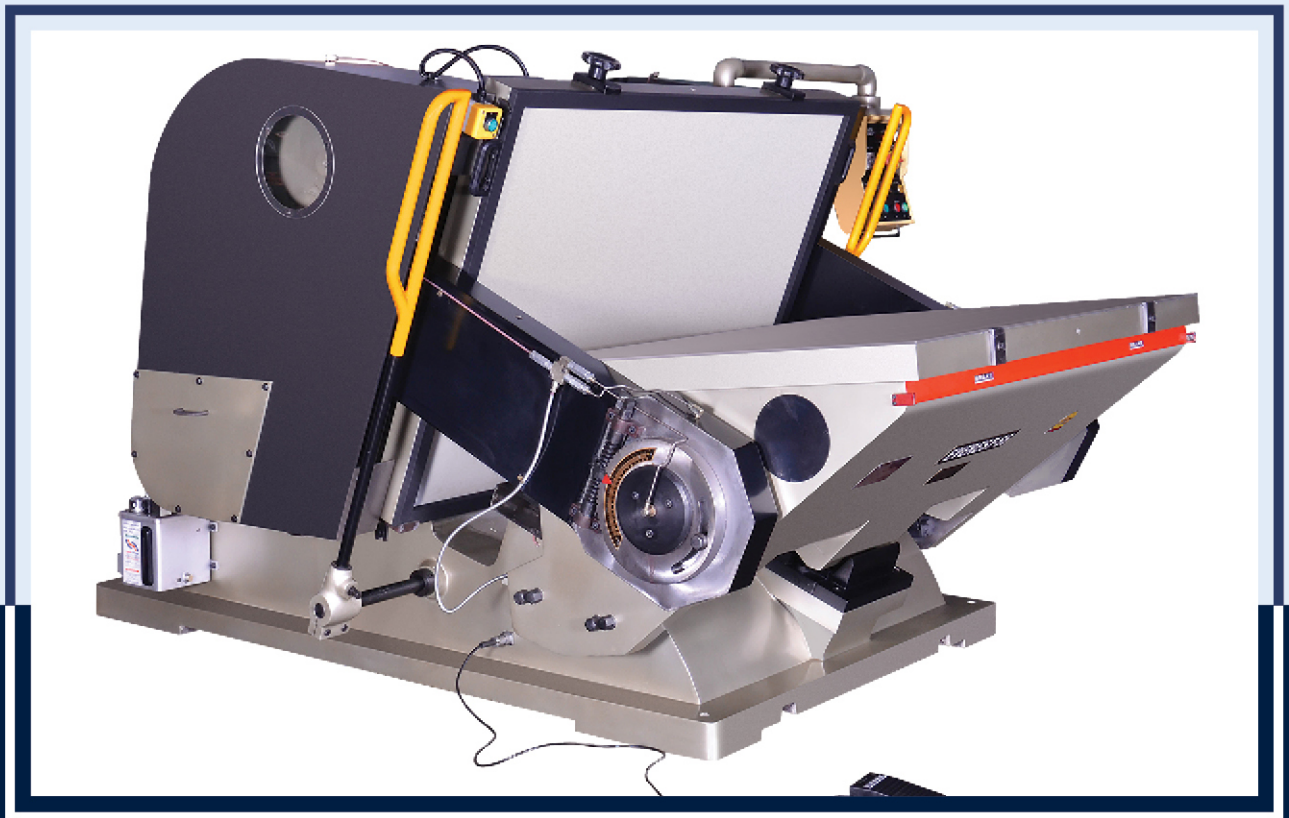




QUALITY  
SINCE  
1965


EXPERIENCE  
THE  
DIFFERENCE



**EVEREST**  
PLATEN ABOVE THE PLANET



## ABOUT SOND

Having started the Unit more than Five decades ago, we, at SOND, are engaged in the manufacturing of **EVEREST brand HEAVY DUTY CUTTING & CREASING PLATENS**. With the whole-hearted co-operation & guidelines from our patrons, not only we are the pioneer in India to produce such quality machines to the international taste & standard, but are the only & first in the country to develop the **LARGE SIZE DIE CUTTERS, in our JUMBO** series. While our 'Product' is well recommended & appreciated in the domestic market, it has established the goodwill and remarkable reputation in the international market too, since we have been exporting our said Product to various countries for the last more than four decades. No doubt, we are the only manufacturer in INDIA, whose impeccable quality is internationally acknowledged, which is duly approved and Certified under  Standard.

Utility & Quality are two guiding beacons for the Company. And it's the spirit behind these words, which has inspired us for about fifty years to seek new & better ways to develop reliable & finest **DIE CUTTERS**. When it comes to best jobs for DIE CUTTING applications, businesses turn to the best in the job-**SOND**.

Every individual at **SOND** has been trained to think in terms of the objective and the best possible solution to meet the objective. The above two beacons form the pillars of the corporate philosophy-to identify, design and create best quality product, that optimally meet the needs, for which, the customers remember / prefer the **EVEREST**.

## ABOUT PLATEN

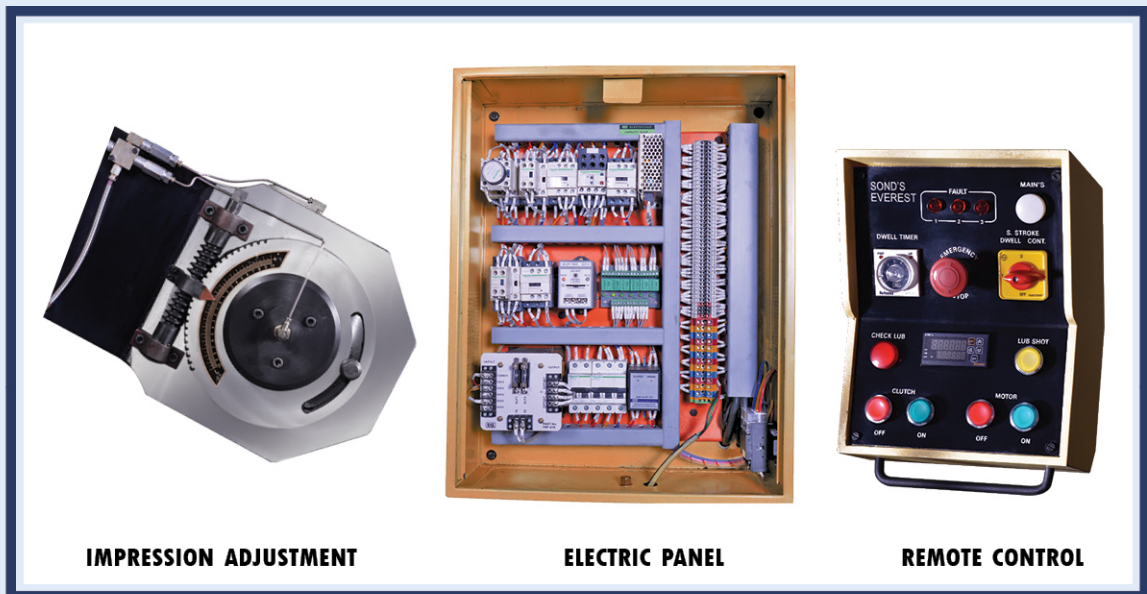
The Platen is one of the popular creations, designed for Die Cutting, Scoring & Creasing of various articles like Paper, Linoleum, Cardboard, Corrugated Board, Wonder Board, Fibre Board, Cork, Leather, Plastic, Vinyl, PVC material etc. The Platen is patronized for more than one reason. It is compact in size, and hence, requires minimum floor space. It is designed to take minimum '**MAKE-READY**' time. It provides the most optimum hourly production. It is more presentable than any of the me-too's on offer.

## ABOUT EVEREST PLATEN PRESSES

**EVEREST** is the name & style, under which, all products are designed & made in the house of **SOND**, leave premises for domestic utility or use across the seven Seas. Under the brand name of '**EVEREST**', **SOND** has been manufacturing sturdy machines since 1965 for superb precision, unsurpassed reliability & virtually in destructible quality.

## THE BODY STRUCTURE

The Main Body of the Platen is quite sturdy, ensuring smooth operations under trying condition. The Main Frame, as well as the Platen are made of special highly tensile Cast Iron, and can, therefore, resist even the slides of deformation under the heaviest of strains. In fact, for customers, that have '**Half-Cut**' job, it is necessary the maximum machine rigidity. **EVEREST** body structure is carefully designed to withstand the heaviest loads to provide unsurpassed cutting precision and many years of reliable service. Enough 'Goose Necks' / thick support bars are inside of the platen



(moving & fixed) in order to give minimum deflection under heaviest load. Further, each Platen is machined & finished to obtain perfectly level surfaces.

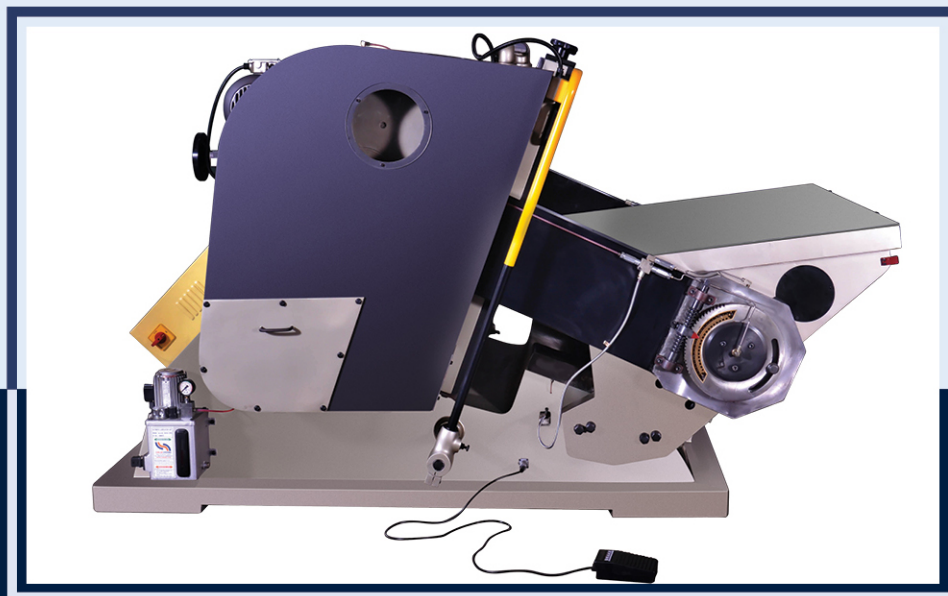
A lot of attention has been given for 'Connecting Arms'. High tensile steel is used and their dimensions are carefully calculated to bear the maximum material stress.

### THE WORKING

The main Gears Shaft & Connecting Arms are mounted on Phosphorus Bronze Bushes. Ball / Roller Bearing Mounted Crank Shaft drives the Platen through a pair of high-speed Double Helical Gears (for increased strength) and two pairs of reduction Spiral Gears being lubricated by Grease / Oil.

### THE SPECIAL MATERIAL

Our constant strives for better machines & enormous experience gained over the years in the field of quality Die Cutting & Creasing Platen. We at **SOND** use quality material suitable for every part of the machine, such as - Shafts, Cam & Roller, Sliding / Guiding Plates for the Moving Platen, Connecting Arms, Phosphorus Bronze Bushes, Ball / Roller Bearing etc. The main Gears Shaft Connecting Arms are mounted on Phosphorus Bronze Bushes. The Reduction Gear is made of Hardened Quality Alloy Steel / Cast Nylon.



**EVEREST**  
 PLATEN ABOVE THE PLANET



## THE IMPRESSION ADJUSTMENT

A lot of attention is being given to the minutest of detail. For example, a quick adjustment of impression is made through two Eccentric Bushes and the degree of adjustment can be easily noted on a Calibrated Scale. The device allows and infinities impression control down to a few microns. This feature considerably **EXTENDS DIE LIFE**, substantially reduces make-ready time and simplifies 'Kiss cuts'. Operators can adjust cutting pressure with unprecedented precision. An Impression Counter keeps an accurate count of the impressions made by the Machine.

## MULTIPLE DWELL

There are other special Devices like the Dwell Timing Devices, which can be set to give a variable period from a least count of 0.5 sec. to 10 sec. During the period, the Moving Block remains stationary in the open position before automatically resuming motion at the end of the set dwell period. The feature is particularly useful when feeding requires a fine register or when large or difficult Sheets are being fed which would otherwise have to be run using the Single Impression procedure. This Device can provide more than double the output when compared with single impression working. It is also of great assistance in training of Operators.

## THE SAFETY FACTOR

All moving parts of 'EVEREST' Machines are protected by internationally desirable & approved Safety Guards. In addition, a specially designed Guard protects the operator from the Moving block. Should any object comes between the Moving Block & the Guard, a slight backward movement of the Guard will occur stopping the Moving Block immediately, switching-off the starting mechanism. Until & unless the Guard is relocated, the Machine remains at a standstill & unaffected by any attempt to actuate it through the starting mechanism. The sensitive 'Safety Photo Sensor' & 'Foot Brake' come standard in EVEREST. These Safety Devices assure that users are kept out of harms' way.

## ABOUT ACCESSORIES

Very few Engineering Houses have such an elaborate list of useful mother machines / accessories as **SOND** has. This is also a direct result of our strong belief in our two pronged thinking Utility & Quality, in every sense of the word in every area it can be applied.

## STANDARD ACCESSORIES

The following is a list of Standard Accessories:-

Single Dwell Facility, Wrap Around Safety Device, Safety Photo Sensors/Foot Brake, Automatic Sheet-Counter, Two Normal Chases with First Four Models, One Adjustable Chase with remaining four Machines, Standard Make-Ready Plate, Electro-Magnetic Clutch / Brake, Automatic Lubrication System, A complete set of Service-Tools.

## ACCESSORIES ON REQUEST

An Imported Hardened & Ground-True "Specific" Make-Ready Plate, Steel Chase with Adjustable Frame Bars, Variable Speed Control, Air Clutch / Brake, Pneumatic Lifter for Make-Ready Plate, or any other special accessories on request. All at extra cost.

# ABOUT SPECIFICATIONS

THE DIFFERENT MODELS HAVING THE FOLLOWING SPECIFICATIONS:

MODEL		EVEREST-36	EVEREST-41	EVEREST-47	EVEREST-55	EVEREST-65	EVEREST-76	EVEREST-86	EVEREST-110
PLATEN SIZE	MM	640×920	711×1041	889×1194	1016×1397	1143×1651	1397×1930	1397×2184	1651×2794
	IN	25.2×36.2	28×41	35×47	40×55	45×65	55×76	55×86	65×110
INSIDE CHASE	MM	564×843	635×965	813×1118	940×1321	1067×1575	1295×1829	1295×2083	1549×2692
	IN	22.2×33.2	25×38	32×44	37×52	42×62	51×72	51×82	61×106
IMPRESSIONS/HR.	MIN.	1300	1200	1000	900	800	800	800	800
	MAX.	1500	1400	1200	1100	1000	1000	900	900
POWER REQUIRED	H.P.	5	7.5	7.5	10	15	15	20	30
	K.W.	3.7	5.5	5.5	7.5	11	11	14.9	22
PRESSURE EXERTED DURING IMPRESSION	TON	210	260	300	360	380	450	575	875
FLOOR SPACE REQUIRED UNPACKED	MM	1753×1626	1854×1803	1981×2007	2032×2184	2184×2464	2311×2820	2489×3073	2794×3810
	IN	69×64	73×71	78×79	80×86	86×97	91×111	98×121	110×150
DULY PACKED	MM	1880×1727	1981×1905	2108×2134	2210×2286	2388×2642	2540×3073	2743×3200	3048×3937
	IN	74×68	78×75	83×84	87×90	94×104	100×121	108×126	120×160
NETT WEIGHT (APPROXIMATE)	TON	3.8	5	6.5	7.8	12	15	18	25.5
GROSS WEIGHT DULY PACKED (APPROXIMATE)	TON	4.5	5.7	7.5	9	13.5	17	20	28

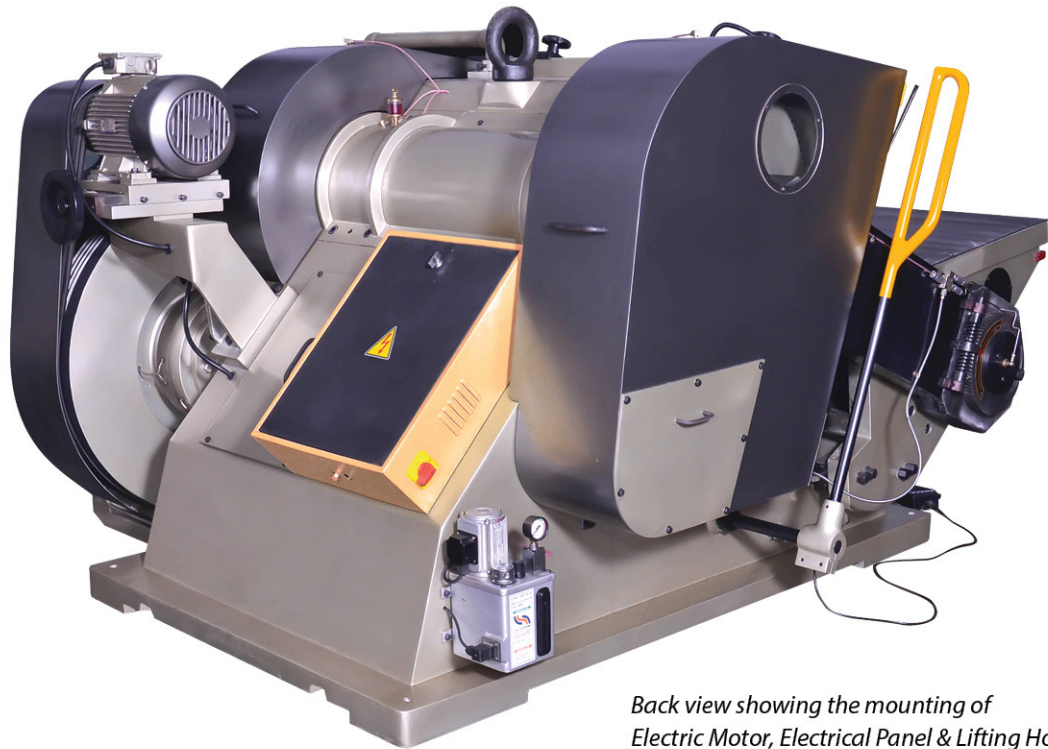
## REMARKS:

CONTINUING DEVELOPMENTS & IMPROVEMENTS MAY RESULT IN SPECIFICATIONS AND APPEARANCE CHANGES AT ANY TIME THE ABOVE SIZES ARE STANDARD, ANY SPECIAL SIZE CAN BE SUPPLIED ON REQUEST.



# EVEREST

PLATEN ABOVE THE PLANET



Back view showing the mounting of  
Electric Motor, Electrical Panel & Lifting Hook etc.

*"Best Quality Drills were created, not because somebody needed drills  
but because the most perfect holes were needed.  
Our reason for making the best quality Platen, is somewhat similar"*

*"Sond Quality Control Team"*

Manufacturers & Exporters:

DEALERS



**EVEREST**

**SOND ENGINEERING WORKS**  
**SOND ASSOCIATES (ENGG.) PVT. LTD.**

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