

friends

HEAVY DUTY PLATEN
PUNCHING MACHINE

DIE CUTTING

CREASING

EMBOSSING

FOIL STAMPING

KISS CUTTING

DIE CUTTING

CREASING

EMBOSSING

FOIL STAMPING

KISS CUTTING



TRADE MARK

Technical Specifications

Model	Friends - 28	Friends - 35	Friends - 40	Friends - 43	Friends - 46	Friends - 54	Friends - 57	Friends - 66	Friends - 68	Friends - 76	Friends - 85	Friends - 95
Platen Size (in)	22×28	25×35	28×40	32×43	36×46	40×54	43×57	46×66	48×68	56×76	55×85	55×95
Inside Chase (in)	20×26	22×32	25×37	29×40	33×43	37×51	40×54	43×63	45×65	53×73	52×82	52×92
Platen Size (cm)	56×71	61×86	71×101	81×109	89×114	101.5×137	109×144	116×167	122×173	142×193	142×216	142×239
Inside Chase (cm)	51×66	56×82	64×94	73×101.5	81×107	94×130	101×137	109×160	114×165	134×185	132×208	132×278
H.P. Reqd.	3	3	5	5	7.5	7.5	10	10	15	15	15	20
Impr/hr	1800	1700	1500	1400	1300	1100	1000	950	900	800	750	700
Wt. approx. (Tons)	2.75	3.75	4.25	4.75	5.5	6.5	7.5	9.5	10.5	13.5	15.5	18
Area reqd. (cm)	188×150×157	188×167×147	198×188×152	196×188×160	233×198×167	228×208×180	235×223×195	241×241×203	245×245×207	267×267×218	267×292×218	267×317×278
(inches)	74×59×62	74×66×58	74×71×60	77×74×63	88×78×66	90×82×71	93×88×72	95×95×80	97×102×88	105×105×86	105×115×86	105×125×286



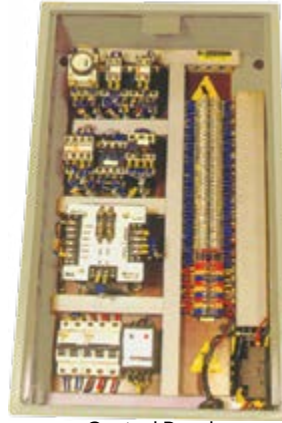


Technical Specifications

- “FRIENDS” Platen Punching Machine is designed for Die Cutting, Creasing & Embossing on Paper, Card Board, Corrugated Board, Leather, Plastic and P.V.C. etc
- Totally standardized (i.e. all parts are inter-changeable)
- All shafts are from EN Grade steel and pins are grounded & bushes from Phosphorus Bronze Alloy.
- All bearings are of SKF/NBC/NACHI only.
- Fail-safe combination clutch brakes system with adjustable system (up to microns).
- The main driving shaft is equipped with two sets of double helical self-lubricated imported polyamide/steel pinion .
- Main electric panel (operation and control) are equipped with Detachable Socket System with international standardized components i.e. Siemens/L&T/Schneider (France) etc.
- Self diagnostic system software with visual indications
- Main flywheel is locked with check-nut system.
- Fully Automatic Centralized Lubrication System is provided.
- Quick and simple adjustment of impressions is made through two worm gears and eccentric bushes in the cam for left-right and up-down of platen to make the four corners equal.
- Machine is having quite silent running and outlook is excellent with best quality paint and powder coated fitting.
- “FRIENDS” Fastest Platen opening to provide press Operator Increased Time to feed delivering greater productivity.
- All features that make the “FRIENDS” Platen Punching Machine most simple, reliable and maintenance free.



Operational Panel Front Mounted (Detachable Socket System)



Control Panel (Detachable Socket System)



Operational Panel Side Mounted (Detachable Socket System)



Programmable Operational Panel of Foil Printing Machine (Detachable Socket System)



Impression Adjustment by Worm Gear & Eccentric Bushes



Electromagnetic Clutch & Brake System for Microns Adjustment



Auto Lubrication Pump

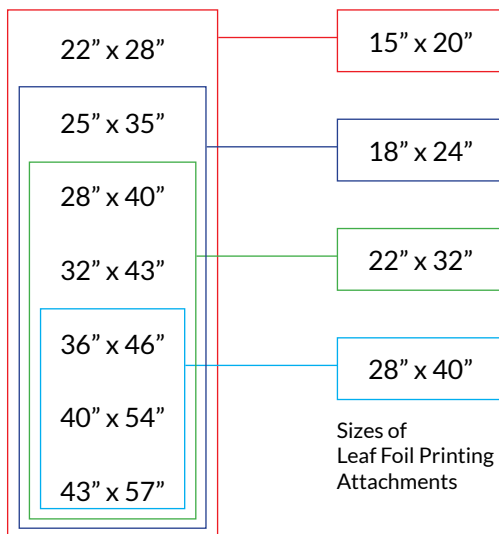
“FRIENDS” AUTO REWINDING LEAF/ FOIL PRINTING

Attachment with Hot Plate & Programmable Stepper Motor

Automatic hand fed hot foil stamping attachment is designed as the new generation product. It is used for automatic stamping roll material on the paper box, paper cup, surround-bidding label, card paper pressing convex, couplets, portable paper bag, paper cover, pvc and various plastic material etc.



Applicable sizes of Leaf Foil printing Attachments (with Single, Double, Triple Pulling System) to be attached with specific Die Punching Machine Sizes



Sizes of Die Punching Machine

Sizes of Leaf Foil Printing Attachments



FRIENDS having started the unit about five decades ago, and are engaged in the manufacturing of FRIENDS brand HEAVY DUTY CUTTING & CREASING PLATENS. Not only we are the pioneer in India to produce such quality & quantity machines to the international taste & standard, but are the only & first in the country to develop the machines totally standardized i.e. All parts are interchangeable. While our 'Product' is well recommended & appreciated in the domestic market, it has established the goodwill & remarkable reputation in the international market too, since we have been exporting our said product to various countries.



friends ENGINEERING COMPANY



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