

PROGRESSOR 1060

Performance characteristics, general

Sheet size, max.	1060 x 760 mm	41 3/4 x 30 inch
Sheet size, min.	450 x 370 mm	17 3/4 x 14 1/2 inch
Die-cutting, max.	1045 x 745 mm	41 1/8 x 29 1/8 inch
Gripper margin	7 – 17 mm	1/4 – 1/2 inch
Cutting force, up to	300 t / 300 MN	330 US ton
Production speed, up to	7 500 s/h	7 500 s/h
Pile height feeder, max.	1 600 mm	63 inch
Pile height delivery, max.	1 350 mm	53 inch

Suitable materials

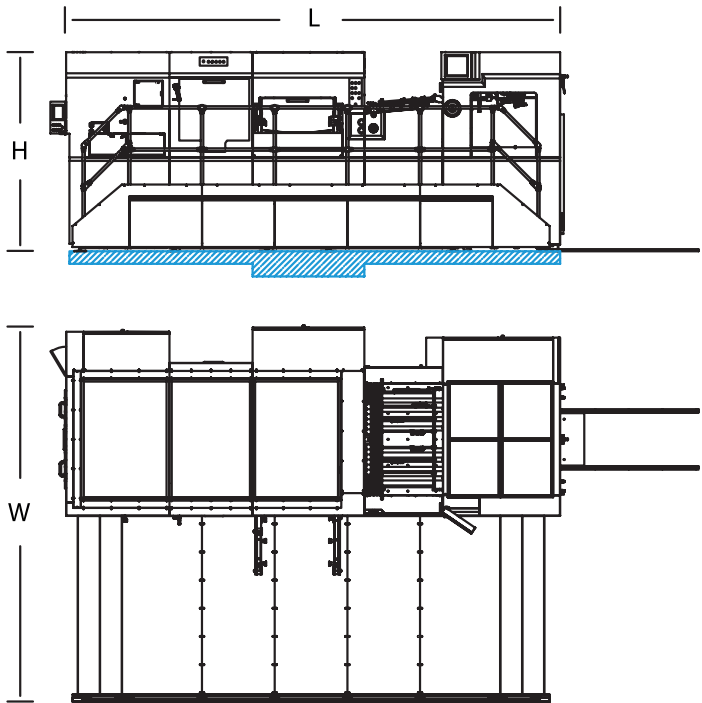
Paper, min	90 g/m²	0.0045 inch
Carton or solid board, up to	2 000 g/m²	0.0600 inch
Corrugated board, up to	4 mm	0.1600 inch

Dimensions & weight

	D		DS/DSP	
Length L	5270 mm	207 1/2 inch	6260 mm	246 1/2 inch
Width W	4560 mm	179 1/2 inch	4560 mm	179 1/2 inch
Height H	2580 mm	101 1/2 inch	2580 mm	101 1/2 inch
Netweight, approx.	16 000 kg	35.273 lbs	17 000 kg	37.478 lbs

Power requirements

Electrical power	17 kW	22.8 HP	17 kW	22.8 HP
Compressed air	5–8 bar, 600 l/min		5–8 bar, 600 l/min	



see the difference, take the better



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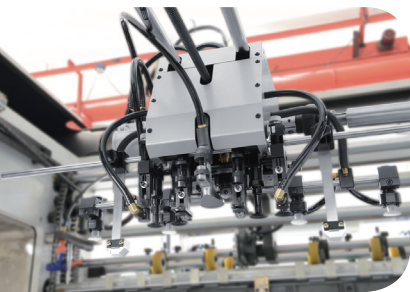
Agent:

PROGRESSOR 1060
D/DS/DSP



PROGRESSOR 1060 D/DS/DSP

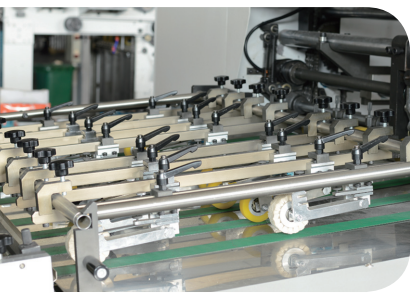
Section features



Feeding Unit

for all kind of substrates

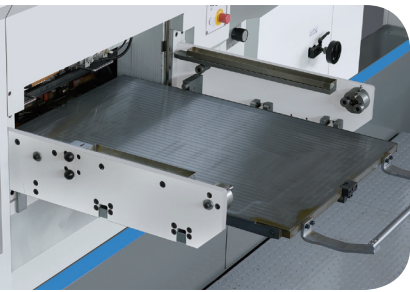
- Suction unit with 4 suction cups for lifting and 4 suction cups with easy height and angle adjustment (Optional: MABEG Feeder)
- Pile correction during production for a more precise sheet arrival at the register side-lay
- Non-stop feeder with max. pile height up to 1600 mm
- Double sheet detector



Sheet transmission and position Unit

with lateral ramps reducing machine stops

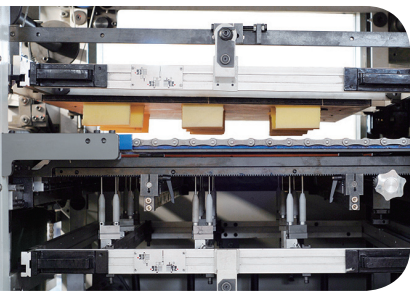
- Stainless steel honeycomb conveyor board
- Side lays on both sides pull and push convertible
- Adjustable optical sensors for side and front lays
- Sheet slow down device
- Foreign object barrier
- Side and front lays servo motor controlled (**PROGRESSOR DSP** type)



Die-cutting Unit

for highest precision with a centerline registration system

- Micrometric adjustment on die-cutting chase
- Pneumatic quick lock for the die-cutting chase and cutting plate
- Up to 300 tons cutting force – servo motorized
- High-quality pre-stressed gripper bar driving chain
- Overload protection device with torque limiter in index box



Stripping Unit*

allows perfect stripping at full speed

- Triple action movement of upper, middle and lower stripping frames
- Integrated into the centerline registration system
- Easy and fast changeover of tools
- Option: Pre-make-ready table for stripping*
(*not available on **PROGRESSOR D** type)



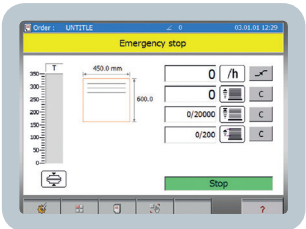
Delivery Unit

achieves perfect piling and stacking

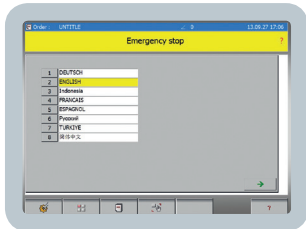
- Delivery pile height up to 1.350 mm
- Non-stop delivery
- 10,4” touch monitor operation at delivery
- Braking brush to slow down any type of material
- Servo motor controlled back joggers

PROGRESSOR 1060 D/DS/DSP

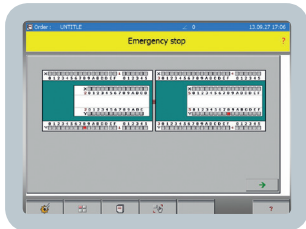
Automatic flatbed die-cutting machines



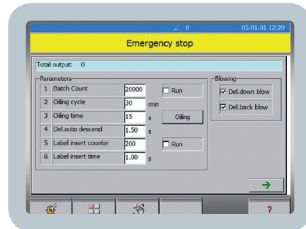
15” Colour touch screen monitor on a pivot mounted arm for machine setting



Language selection and update via flash disk



Input and output signals of the PLC are displayed on one page for easy service operations



Parameter setting for front and side-layer pressure value, lubrication interval with complete trouble shooting display and self diagnosis



- Standard
- Option
- not available

PROGRESSOR 1060

D

DS

DSP

General			
Platform with safety fence	●	●	●
Shelf for tools and parts	●	●	●
Centerline-system	●	●	●
CE certified	●	●	●

Feeder Unit			
Stream feeding	●	●	●
High pile feeder 1600 mm	●	●	●
Preload device with rail and nonstop feeder	●	●	●
Feeding head	●	●	●
Feeding head, MABEG	○	○	○
Motorized lateral positioning of palette platform	●	●	●
Vacuum feeding table	○	○	○
Honeycomb stainless steel feeding table	○	○	●
Slow down device of feeding belts	●	●	●
Side and front guides with precise photocells	●	●	●
Parameter setting for front and side lays	○	○	●
Foreign objects barrier	●	●	●
Compressor pump	●	●	●
LED control panel for feeder	●	●	●
Pull/Push convertible side lays	●	●	●
Mechanical double sheet detection	●	●	●
Supersonic double sheet detection	○	○	○
Anti-static device	○	○	○

Die-cutting Unit			
Pneumatic lock system cutting chase	●	●	●
Pneumatic lock system cutting plate	●	●	●
Centerline registration system	●	●	●
High quality gripper plate	●	●	●
High quality chain pre-extended	●	●	●
Programmable pressure adjustment	●	●	●
Pneumatic clutch system	●	●	●
Torque restrainer & index box transmission	●	●	●
Cutting plate pneumatic lifting	●	●	●
Autom.lubrication and cooling system main drive	●	●	●
Automatic lubrication for chain	●	●	●
Main drive with inverter control	●	●	●
Heating plate	○	○	○

Stripping Unit			
3-action movement stripping structure	–	●	●
Centerline stripping registration	–	●	●
Pre-make-ready table for stripping	–	○	○

Delivery Unit			
Non-stop delivery	●	●	●
Servo driven back jogger	●	●	●
Servo driven side jogger	○	○	●
Electrical depressor brush control	●	●	●
Strip inserting device	○	○	○
Anti-static device	○	○	○

Electrical control system			
High quality electrical components	●	●	●
15” and 10,4” Touch Monitor operation	●	●	●
Every language adoptable in the screen	●	●	●