



**SPEED.
EFFICIENCY.
PRODUCTIVITY.**

Servo-driven controls ensure high-speed accuracy



**PAPER
MACHINERY
CORPORATION**

Contact Paper Machinery Corporation's dedicated sales representatives for more information or to schedule a demonstration.



HS 800

High Speed Die Cutting Machine

[explore.papermc.com](https://www.papermc.com)

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MACHINE SPECIFICATIONS

UTILITY REQUIREMENTS

MATERIAL: Accepts paper thickness from .009" to .024" (0.230 to 0.500mm).

APPROXIMATE MACHINE WEIGHT:
 Base Machine 25,000 lbs approx.
 Electrical Cabinet 700 lbs approx.

SIZE RANGE:
 Width: 25" to 50" (635 mm to 1270 mm)
 Diameter: 60" (1525 mm)
 Weight: 5000 lbs (2270 kg)

FOOT PRINT (WITH UNWIND STAND):
 14.5 ft x 25 ft (2.7 m x 7.6 m)

ELECTRICAL: 65 KVA, 3 PHASE, 50/60 hz

COMPRESSED AIR: 1 cfm @ 80 psi (.028 cmm @ 5.52 bar)

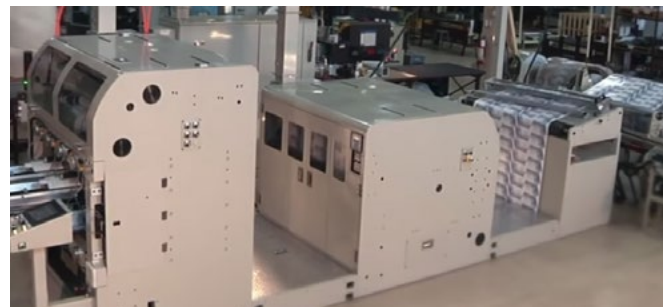
Exact service requirements are dependent upon customer specifications.

SERVO-DRIVEN TECHNOLOGY

PMC manufactures a comprehensive line of machines for every forming operation, the HS 800 high-speed die cutting machine like every PMC machine. The HS 800 builds on the tradition of continuous innovation and improvement it offers fast flexible production of sidewall blanks for paper cups and containers. Advanced servo drives high speed print to cut accuracy the HS 800 meets the needs of high-volume converters and producers running at a top speed of 450 strokes per minute a single unit supports multiple high-speed cut machines to maintain production around the clock.

PRECISION SIDEWALL BLANKS

The HS 800 features a roll capacity of up to 50 inches wide rolls offer greater design scrap reduction lowering material costs from the shaft less unwind to the ergonomic blank delivery system. The HS 800 was designed for efficiency and productivity inflatable air chucks on the unwind makes roll replacement easier and reduce set-up time an optional splice table aids in maintaining registration and reducing scrap during role changes an electronic web guide keeps the paper centered in the machine guidance. A motorized de-curl unit smooths the paper prior to cutting, as a dancer roll maintains precise web tension through the process. The cutting section of the HS 800 features one person set up for efficient operation. PMC has equipped the HS 800 with exceptionally robust cutting tools durable, hardened tooling. The HS 800 is safe quick and easy tool change card aligns with the die the operator activates the tool kick out mechanism to release the die from its holder then slides the die out onto the cart rollers in the die housing.



PMC HS 800 FLOOR PLAN

