



**Most Compact, Easy to Operate, Tool-less Change Over, Reduced Waste, Modular, Intuitive Software and High Technology Hardware Platform Pouch Machine in the Market Today.**



**2-side-seal pouches from 1 web with/without zipper  
3-side-seal pouches from 1 web with/without zipper  
Stand-up pouches from 1 web with/without zipper**

# **KS-DSUP-400**





Intuitive windows-based Software, the machine breaks paradigms for set up, operational efficiency, training, maintenance and diagnostics.

Modular machine that allows for easy upgrades.

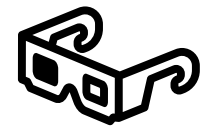
Compact footprint designed for mono materials to allow for easier tension control. Special sealing jaw design with independent servo control creates larger operational window for sustainable materials.

Independent servo motors drive longitudinal & cross sealing stations for maximum flexibility, performance and ability to convert mono materials.

Simple to use and maintain servo driven flying knife for single and double cut waste for removal of flexographic print waste & round corner production.

Designed for Industry 4.0

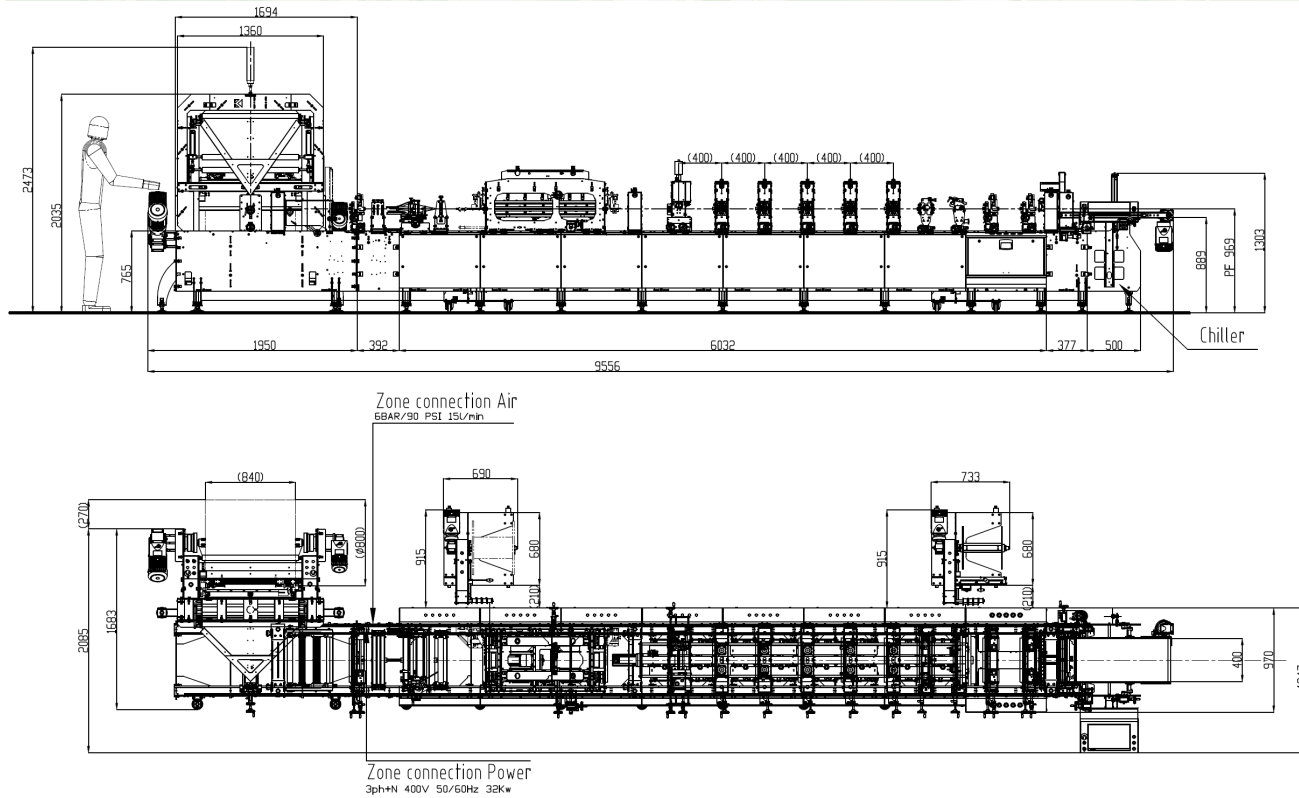
Fully connected:



- > Compact machine (short and narrow), resulting in increased productivity for small and medium jobs.
  - > Easy to use machine; easier for new-to-the-job operators to learn.
  - > Very low scrap rate during machine start-up. Machine has integrated ramp speed that is controllable through the HMI. This allows the machine to run at high speeds consistently after being setup at lower speed (reducing waste). Also, provides maximum film control when starting and stopping at high speeds.
- > No maintenance flying knife (no-tool, fast blade replacement); guillotine available as optional for paper pouches production. Machine equipped with independent servo motor for each film feed drive (standard is 3 servo system).
- > One servo motor for longitudinal sealing/cooling section and one servo motor for cross sealing/cooling section; alternatively (as option on specific request) all stations can be independently servo controlled.
- > Low maintenance requirements; easy access to all stations for maintenance.
- > Initial reject discard function to prevent operator confusion with badly sealed pouches on start-up, film is discarded by double feeding for a selected distance after the cutter.
- > Digital printing friendly, compliant to Industry 4.0, CE Certified (UL/ CSA upon request).



The ideal machine for mid (digital) web printers focused on short-medium runs.



Description	Specifications
Working width	420mm (16.53")
Roll width	840mm (33.07")
Roll core Ø	76mm (3") – opt. 152mm (6")
Roll ext. Ø	800mm (31.49")
Material specs	PET, ALU, PA laminated with PE or PP, monomaterials, PLA, Paper
Material thickness	55µ - 200µ
Installed power	3ph+N, 400V, 50/60Hz, 32Kw
Air requirements	6Bar/90PSI 15L/min
Installation area (L x W x H)	9600 x 2400 x 2500mm
Mechanical speed	≥200cpm
2-side-seal pouch (W x H)	80-350mm x 80-400mm
3-side-seal pouch (W x H)	80-350mm x 80-400mm
Stand-up pouch (W x H)	80-350mm x 100-375mm

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