







SuperCut

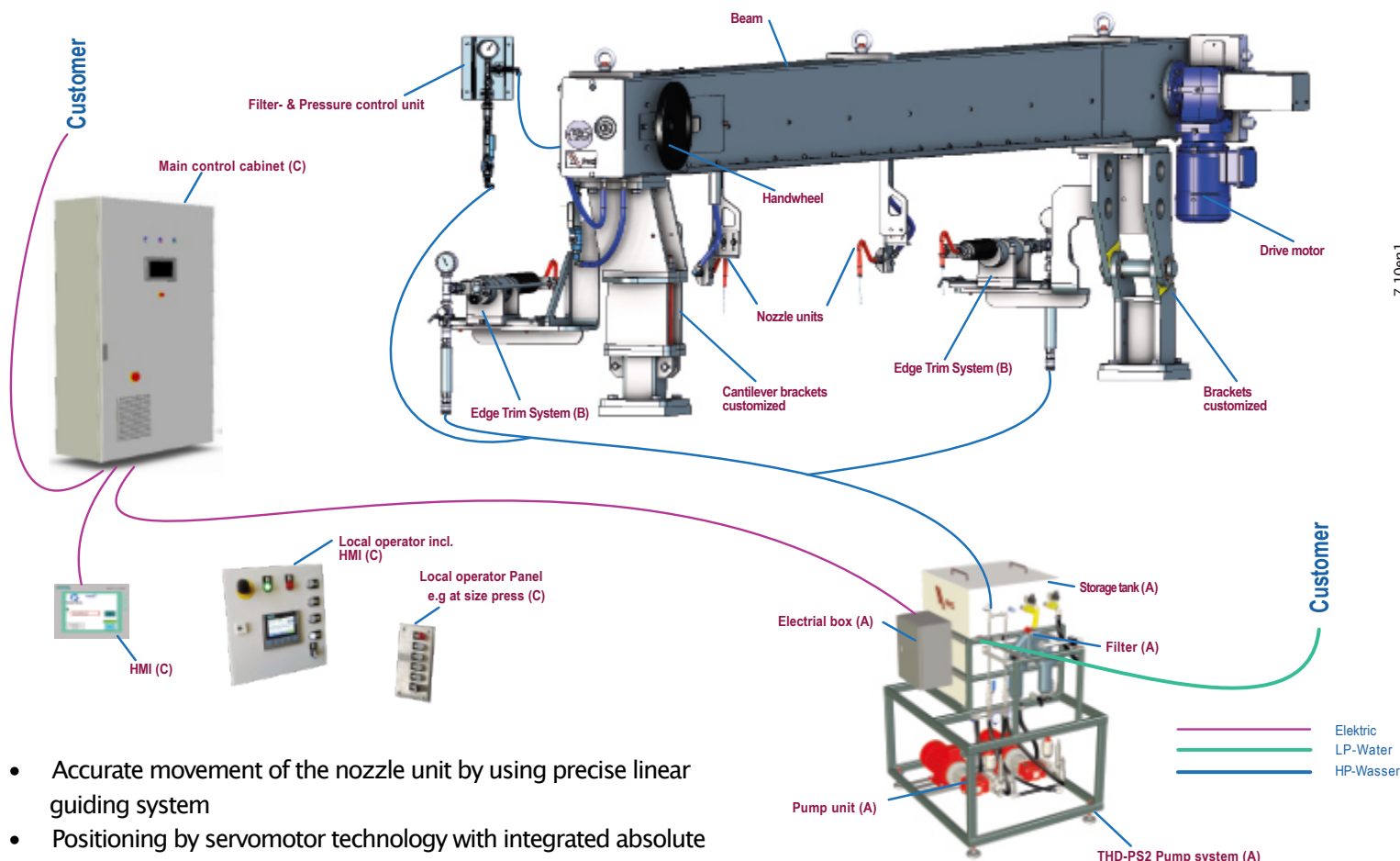
Edge Trim and Tailcutter System



Your benefits:

-  Precise movement and positioning of the the nozzle unit
-  High repeatability of positioning
-  PMS experience for best nozzle choice and adjustment
-  Customer specific solutions for mechanical design and controls available
(Connection to customer DCS)
-  High level of safety– user friendly – low–maintenance
-  Increased efficiency through shorter and repeatable web feeding

Operator safety, progressive automation and above all smooth web feeding are points that a modern tail cutter must meet. PMS SuperCut achieves this through the synergy of mechanics, electrics and hydraulics at the highest level. The different functions / positions are very flexible and safe to operate via HMI, local control panels or connection to the DCS from semi-automatic to fully automatic.



- Accurate movement of the nozzle unit by using precise linear guiding system
- Positioning by servomotor technology with integrated absolute encoder
- Easy access to all components for maintenance
- Teflon coated nozzles and nozzle holder from PMS
- Separate adjustable traversing speeds and ramps for each position
- Filter and pressure adjusting unit from PMS that allows easy adjustment and stable pressure
- Emergency operation by using a handwheel on tending side
- SuperCut² for double sided cutting
- Possibility of integration of PMS SuperTrim Edge Trim System

Optional THD-PS2 Pump system (A):

Pump	Triplex plunger pump (1.1 to 17.8 l/min)
Drive	AC motor 3 ~ 400-690 VAC
Storage tank	Polypropylene or SS316 with 170l volume
Filter	2 filter housing – switchable / 25 µm
Clogging indicator	Optical and electrical
Level control	Pressure transducer 0-0.1 bar; Signal 4-20 mA

Optional SuperTrim (B):

SuperTrim-S	Stroke 200/350 mm
SuperTrim-XS	Stroke 175 / 350 / 500 mm
SuperTrim-XS Motion	Stroke 175 / 350 / 500 mm
SuperTrim-F	Stroke variable up to 1000 mm

Optional controls (C):

PLC: Siemens S7-1200
HMI: Siemens KTP 400 Comfort, 4"
SEW frequency converter for Servo motor and THD-PS2 pump system
SEW-Motor and Encoder
Two Local operator Panels, stainless Steel SS304, IP65

For more information: