



Powered Straightener with Optional Peeler / Threader System
Model CPS



Powered Heavy Duty Straightener, 72" Wide with Hold Down Roll and Peeler / Threader
Model CPSH/CPSEH

All models are available with 5, 7, or 9 straightening rolls and 2 sets of pinch rolls (entry and exit). The lower straightening rolls and top pinch rolls are power driven through cluster gears. A set entry guide rolls for strip location and accurate line up is provided, exit cascade rolls support the material for onward transmission of the strip.

| Model No. | Max. Width | Max. Thickness | Min. Thickness. | Pinch Roll Diameter | Straightener Roll Diameter |
|-----------|------------|----------------|-----------------|---------------------|----------------------------|
| CPS-12 | 12" | 0.185" | 0.025" | 3.25" or 4" | 3.25" |
| CPS-18 | 18" | 0.160" | | 3.25" or 4" | 3.25" |
| CPS-24 | 24" | 0.130" | | 3.25" or 4" | 3.25" |
| CPS-30 | 30" | 0.100" | | 3.25" or 4" | 3.25" |
| CPS-36 | 36" | 0.080" | | 3.25" or 4" | 3.25" |
| CPS-42 | 42" | 0.060" | | 3.25" or 4" | 3.25" |
| CPS-48 | 48" | 0.040" | | 3.25" or 4" | 3.25" |

Standard Features

- 5 roll straightener
- 2 sets pinch rolls (entry and exit)
- Pneumatic lift cylinders on pinch rolls
- 2 sets pinch rolls (entry and exit)
- Pressure regulator with gauge
- Bottom straightener & top pinch rolls power driven
- All rolls are 52100 alloy steel hardened to 60-64 Rockwell and ground
- Cluster gears on pinch rolls
- All gears 1045 alloy steel with hardened teeth
- Variable speed A.C. frequency drive to 80 F.P.M. or more on request
- Controls consist of run/jog, jog forward/reverse, reset push-button, power light, start push-button, run push-button, drive off push-button, E-stop & disconnect switch
- Remote jog pendant with 12" curly cable
- Dancer arm loop control (potentiometer)
- Entry collar type stock guide rolls
- Dial indicators in straightener handwheels