

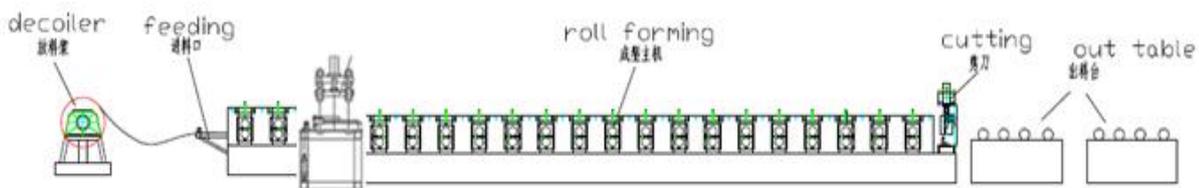


# Technical Scheme

Machine Name: 80~180×50 Buckle beam molding equipment parameters

1. Roll forming equipment production process

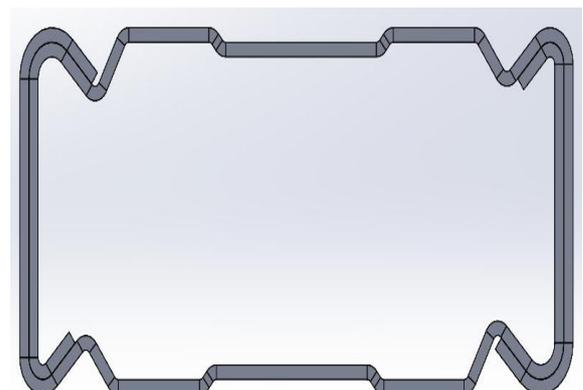
(1) Unwinding - Cold forming - Cutting - Automatic stacking - Pressing - Collection



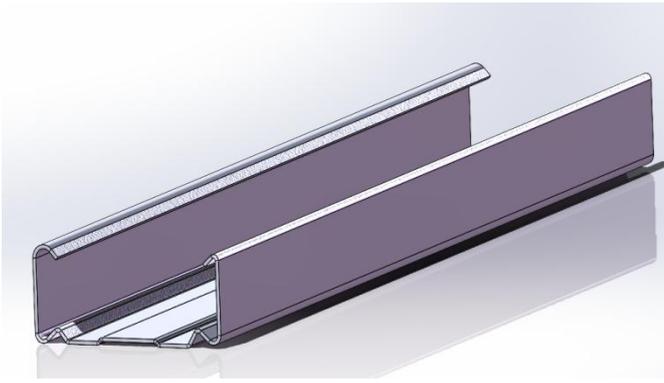
2) Main machine transmission mode: gear transmission

2. Product parameters:

3. Application products: 80 ~ 160 × 50 hold-down beam (automatic



hold-down)



(Only for reference, the details are subject to the confirmation of the drawings by both parties)

### 3.1 Applicable specifications:

- 1) The length dimension of the product is as required, the shortest length is: 600mm;
- 2) Material: Q235B
- 3) Thickness of material: 1.2~2.0mm
- 4) Expanded material: 198mm (final size according to the actual commissioning)
- 5) Straightness and twisting error  $\pm 1\text{mm}$  (calculated according to the length of 2000mm).

3.2 Production speed: pressing speed of 0 to 10m/min, the whole line according to the number of punching, stamping shear.

### 4. Equipment size and weight

Main machine: 8500×1500×1200 (C×B×H), total length of the equipment is about 20~25m, total weight is about 11T.

5. The color of the equipment appearance according to the requirements of the demand side or according to the supply side of the conventional matching

6. The demand side shall provide materials (two kinds of each  $\cong 1500\text{kg}$ ) to the supplier for equipment debugging.