

| No | Specification of the material | |
|----|-------------------------------|-----------------------|
| 1 | Suitable Material | Black sheet |
| 2 | Width of the raw material | According the profile |
| 3 | Thickness | 1.5-2.0mm |

2. Sample photo for reference:



Machine Detailed Parameters:

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| 1 | Machine structure | Wall panel structure |
| 2 | Total power | Motor power-11kw Hydraulic power-5.5kw |
| 3 | Roller stations | About 18 stations (according the final design) |
| 4 | Productivity | 0-15m/min (not including cutting time) |
| 5 | Drive system | By 1.2 inch single chain |
| 6 | Diameter of shaft | ∅ 70mm solid shaft |
| 7 | Voltage | 380V 50Hz 3phases (Customized) |
| 8 | Container need | 40GP container |

| No | Photo for reference | Technical Specification & Remark |
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| 1 | <p>Manual Uncoiler</p>  | <ul style="list-style-type: none"> ● Width of feeding: 500mm ● Capability: 3 Ton ● Bound of expand & fight: 420mm—510mm ● Mode of expand & fight: inner expand & fight by manual ● Way of feeding: manual ● Quantity: 1 |
| 2 | <p>Main Roll Forming Machine</p>  | <ul style="list-style-type: none"> ● Roller material: ASTM1045 chrome plated surface with chrome ● Shaft diameter: \varnothing 70mm material: SAE1045 with tempering ● To avoid accidents, the driven parts will be covered with the protective cover |
| 3 | <p>Machine structure:</p>  | <ul style="list-style-type: none"> ● Main frame by H beam welding ● Machine structure: wall panel structure |
| 4 | <p>Hydraulic cutting system</p>  | <ul style="list-style-type: none"> ● Cutting mode: Cut the sheet after roll forming to required length ● Material of blade: Cr12, 58-62 HRC hardness ● Power by hydraulic, 5.5KW ● Working pressure: 10-12Mpa adjustable ● Length measuring: Automatic encoder length measuring ● Tolerance of length: +/- 1.5mm for each piece end product ● Number of cutter: 1 set |

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| 5 | <p>Hydraulic System</p>  | <ul style="list-style-type: none"> ● Hydraulic power: 5.5kw ● Working pressure: 10-12Mpa adjustable ● Solenoid valve: 1 group ● Hydraulic oil: 46# hydraulic oil ● Quantity :1 |
| 6 | <p>Control panel</p>  | <ul style="list-style-type: none"> ● Programmable setting of profile length and quantity ● Operating system language: English and Chinese ● Voltage, Frequency, Phase: 380 V, 50 Hz, 3Phase ● Computer used to control length & quantity. Machine will automatically cut to length and stop when required quantity is achieved ● Length inaccuracy can be amended easily. ● Control panel: Button-type switch and touch screen ● Unit of length: millimeter ● PLC brand: Panasonic |
| 7 | <p>Out table</p>  | <ul style="list-style-type: none"> ● Jointed by steel tube ● One out table with one support roller ● Quantity:3 units |
| 8 | <p>Spare Parts</p>  | <ul style="list-style-type: none"> ● Bearing: 2 pieces. ● Limit switch: 2 pieces ● Relay: 2 pieces. ● Oil tube: 1 pieces. ● Screws and nuts: some. ● Chain: 1 piece ● Tools: spanner, hex spanner and adjustable wrench and other correlative adjust machine |