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# DF-DTS800 Bow-shape Double Twist Machine

## Technical Specifications

### A. Production Efficiency:

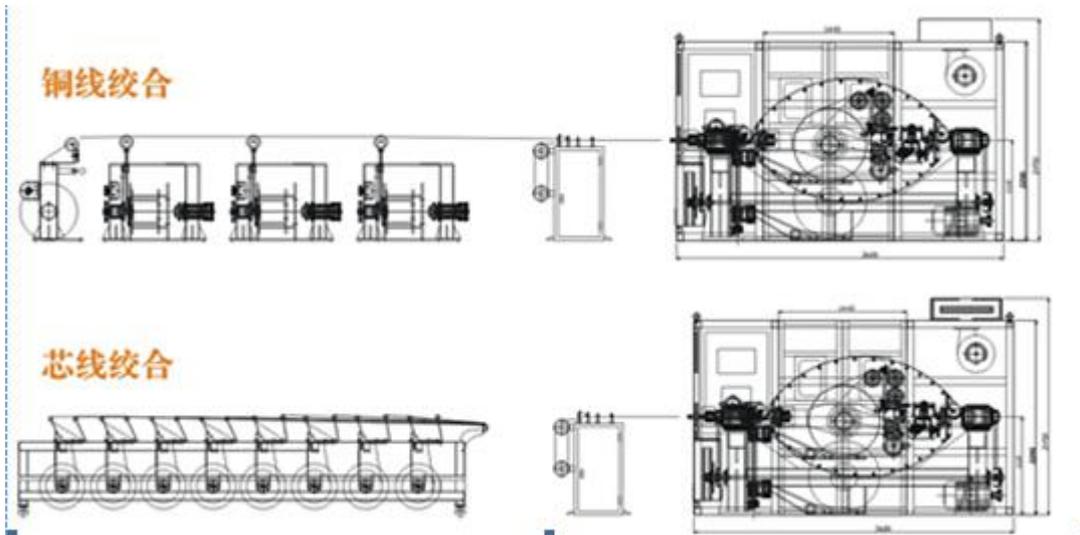
<b>Model</b>	DF-DTS800
<b>Materials applicable</b>	bare copper wire, BVR insulation wire
<b>Inlet</b>	0.25×7-0.5×7stranded wire; 0.52-1.0 single wire; Insulation wire: $\Phi$ 1.0mm~ $\Phi$ 3.5mm/2-4 cores
<b>End product</b>	4-16mm <sup>2</sup> stranded wire with the same pitch
<b>Maximum speed</b>	3200 twist. The speed above is a theoretical one. Various factors may contribute to the actual speed in production: the quality of the inlet wire, the bobbin, the proficiency of the staff and the product structure, etc.

### B. Specifications:

<b>Production Mode</b>	Direction of the production line: from left to right or from right to left.  The production line can be of either direction to fit the layout of the workshop. Usually pairs of lines are set up to enable the staff to supervise two lines at the same time.
<b>Noise level</b>	Noise made by the whole line is no more than 60dB.
<b>Equipment color</b>	Main machine: light blue; Control cabinet: grey; Spinning part: golden
<b>Control mode</b>	Text indicator and Programmable Logic Controller ( PLC ) ; wireless communications
<b>Pitch regulation mode</b>	Electronic regulation
<b>Array pitch regulation mode</b>	External control; internal electrical equipment online regulation
<b>Electrical equipment</b>	Equipment and cable are designed according to VDE0113/DIN57113 ( IEC204-1/EN60204 Part I ) .

	<p>If the average temperature within 24 hours is no more than 35 °C , the lowest environment temperature is +5 °C and the highest is +40 °C.</p> <p>The altitude above sea level is no more than 1000m.</p> <p>Relative humidity: no more than 50% at 40 °C and no more than 90% at 20 °C</p> <p>The electrical system of the production line is supposed to function properly under the power supply condition mentioned in EN60204-1/4.3.2.</p> <p>Due to the driving mode of switch, the products of Han De Company are all equipped with the power choke, minimizing the impact on the system.</p> <p>The overall impact over the power grid of the factory can only be improved by the compensating equipment installed by the client himself. We suggest that the client make analysis of the grid upon the operation of the production line.</p>
<b>Power supply voltage</b>	3×400V+/-10%+PE
<b>Power frequency</b>	50Hz+/-2%
<b>Bobbin loading &amp; unloading</b>	Electric lifting, spinning holder loading and unloading
<b>Door opening and shutting</b>	Manual Pushing and pulling
<b>Number of closing dies</b>	Three dies ( one spinning, two static)
<b>Equipment safety</b>	<p>Our production technique originates from Germany and our machine, which is designed and manufactured in accordance with the accident prevention items practiced in Germany, meets the basic requirements of EC machine term 98/37/EG.</p> <p>We are not responsible for the loss of the accidents caused by the breach of the safety operation procedure, disassembling the protection device without any justification.</p>
<b>Lubrication</b>	Oil lubrication

<b>Motor power</b>	Main motor: 18.5KW; Drawing motor: 5.5KW; Take-up motor: 5.5KW; Fan motor: 0.75KW
<b>Number of windows</b>	Two windows, one at the inlet, the other at the center of the door.
<b>Length measurement</b>	Built-in end product length measurement
<b>Emergency measures</b>	E-stop upon internal wire breaking; E-stop button for the operation table; E-stop upon door opening.
<b>Reel</b>	The machine is designed in terms of the reel drawing provided by the client. The reel should be prepared by the client himself.



**630 Double head active pay-off rack**



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**設備特點 ( FEATURE ) :**

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| 1、適用於多股芯綫和銅綫集合;    | 1、Suitable for wire & copper twists.               |
| 2、絞距精度高;           | 2、The lay length is accurate;                      |
| 3、生產效率高, 操作簡單, 方便。 | 3、High productivity, operate conveniently and easi |



**c. Quotations:**

For 630 Double head active pay-off rack, we quote USD7,500 per unit (USD30,000 for 4 units).  
The price is based on FOB Shanghai and packaging not included.

For DF-DTS800 Double Twist Machine, we quote USD50,000 per unit.  
The price is based on FOB Shanghai and packaging not included.