

HDS7800/HDS8800

AUTOMATIC WARP DRAW-IN SYSTEM

Model HDS7800/HDS8800 is a perfect all-purpose automatic draw-in system for filament yarns and cotton yarns.

It's developed on our own high-speed platform, with cutting edge computer control and programming technologies, supporting single-operator operation, increases working efficiency by 30% under same circumstance. Its unique dropper module with conveyor belt, featuring in stable performance, high efficiency and easy maintenance, is compatible with all kind of droppers. Modularization and continuous updatable system enable the machine to keep pace with the ever-changing market demands. The system applies DVI (Dynamic Vision Inspection) and AI (Artificial Intelligence), which provides high recognition and positioning accuracy in complicated environment, and improves the working efficiency.



MODEL		HDS7800	HDS 8800
Standard model	configuration for max warp beam width	230/280	230/280/400
	draw-in module		●
	warp yarn lease condition option (with lease or without lease)		●
	dropper module with 2 dropper storage rails		●
	max heddle frame (J/C heddle)	8-12	12-20
	max heddle frame (O heddle)	8-12	12-20
	control module with draw-in head and drive		●
	reed module (standard range)		●
	dropper module with six dropper rods		●
	beam transporter		○
Optional accessories	for coarse yarn, flat yarn, fancy slub yarn, fancy loop yarn	-	○
	multi-end alarm		●
	double-color pattern monitoring		○
	multi-color pattern monitoring and control (up to 9 colors)		○
	leasing module		○
	direct selecting module		○
	reed module (thin reed) for reed density up to 350 dents/10cm		○
	Ethernet/TCP/IP network connections are used to transmit programs and running data		○
Draw-in speed	stable draw-in speed @ 170 pcs/min		●
	optional configuration Maximum draw-in speed of 200 pcs/min		○
Yarn range	<ul style="list-style-type: none"> cotton yarn and blended yarn (carded yarn, combed yarn) silk, mono filament and multi filament Flat yarn, slub fancy yarn, terry fancy yarn up to 4.5 mm wide 		●
Yarn count	5-180Ne		●
Warp beam	maximum nominal width [cm]	230/280	230/280/400
	maximum warp beam diameter [cm]		120
	warp yarn layer with lease or without lease		●
	two layers of warp, with multi-color cycle control		○
	maximum weight (including draw-in frame) [kg]	800	1500
Heddle	heddle length	260 to 330 mm	●
	heddle thickness	0.25 to 0.65 mm	●
	type	single/double eyelet plastic or steel (O type)	●
	End loop type	with heddle-separating hole	J/C/O
	heddle eyelet	minimum of 1.2x5.5 mm	●
	heddle eyelet off set	maximum of 10 mm	●

● standard configuration ○ optional configuration