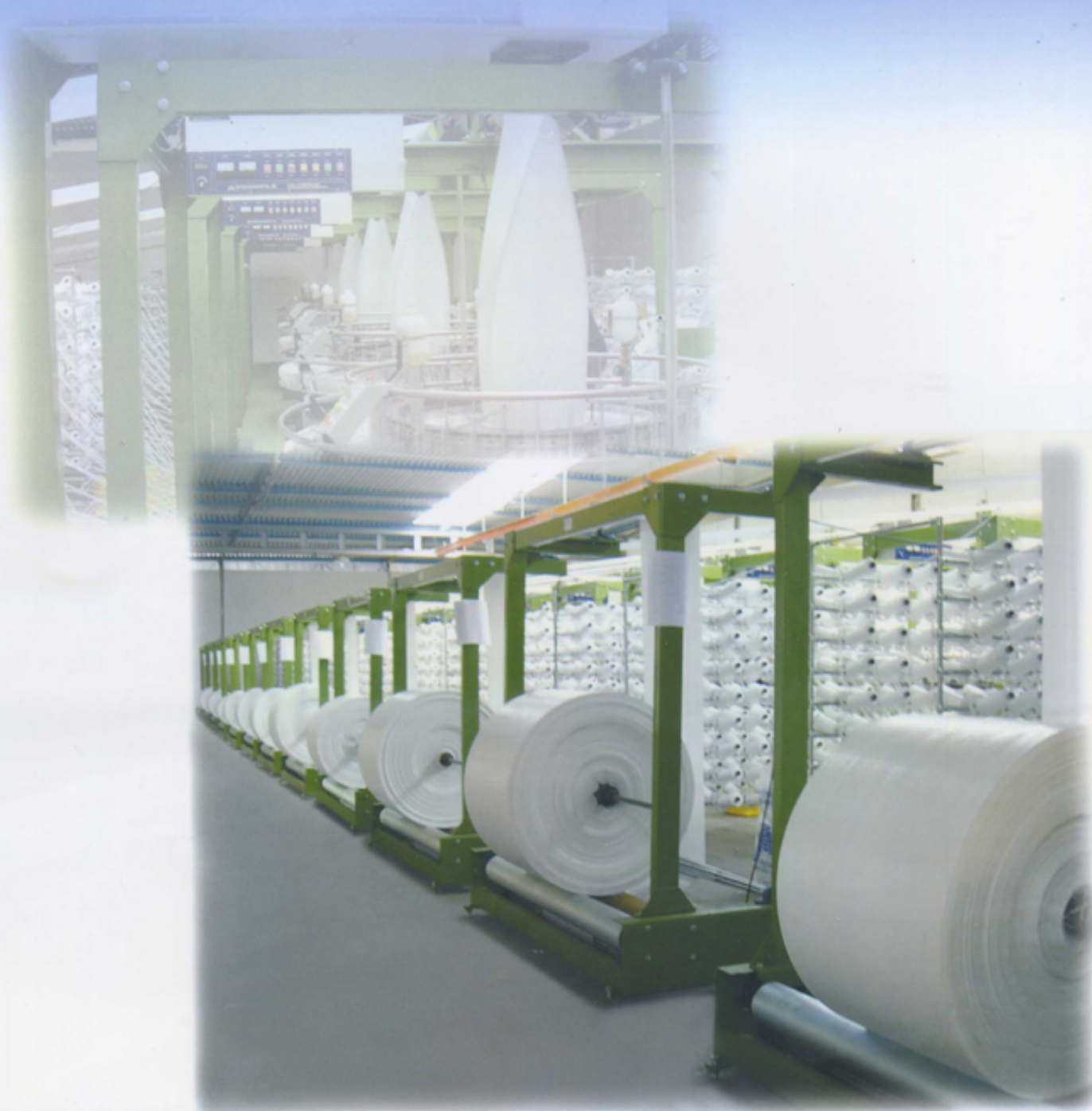


# 6 SHUTTLE CIRCULAR LOOM



[www.sencar.com.tw](http://www.sencar.com.tw)



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#### WEFT FEED WITH EQUAL TENSION LARGE WEFT PACKAGE 100 MM $\Phi$

A copper brake of weft tension control ensure the equal tension, independent of whether the weft package is full or nearly empty.

Accurate weft break sensor provided by magnetic sensor detecting of its weft tape finished or broken, even very poor working environment such as poor light, dirty dust or stains won't affect the performance.

The shuttle accepts large yarn packages up to 100 mm  $\Phi$  makes high productivity.

## 6 SHUTTLE CIRCULAR LOOM



#### UNIFORM TENSION WARP- FEED SYSTEM ENSURE WEAVING VERY LOW DENIER & RECYCLED FLAT YARN

Our circular loom can weaving very low denier tape due to very low friction between warp tapes from reel creel to warp tension balancer. All warp pass smoothly with individual tension compensator, which easy its operation and a minimum loss of tape during the weaving process.

#### FRICTION TYPE CLOTH WINDER WITH TORQUE MOTOR DRIVEN

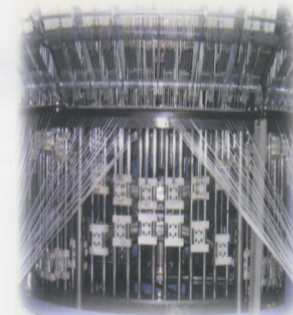
Two friction roller driven by a torque motor and adjustable cloth tension provides Very tightly winding up cloth roll. A very big winding size up to 100 cm is acceptable. Exchangeable switch equipped for facilitating loading and unloading cloth roll.

Standard width is 1000 mm and an extra width up to 1800 mm with open device is acceptable as an optional device.



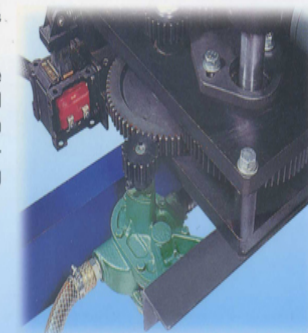
#### BIG CAM and Compact hedding system

Big cam drives the heddle bar through slider guided by cam slot without involvement of any bearing and rollers, this sturdy and compact design decreases the mass of the moving parts indeed. With sturdy materials specially developed for eyelet, sliders, heddle bar and high precision manufacturing, thus ensuring high productivity as well as a long-life working and saving spare parts' consumption.



#### LOW FRICTION SHUTTLE WHEEL SAVING PARTS CONSUMPTION

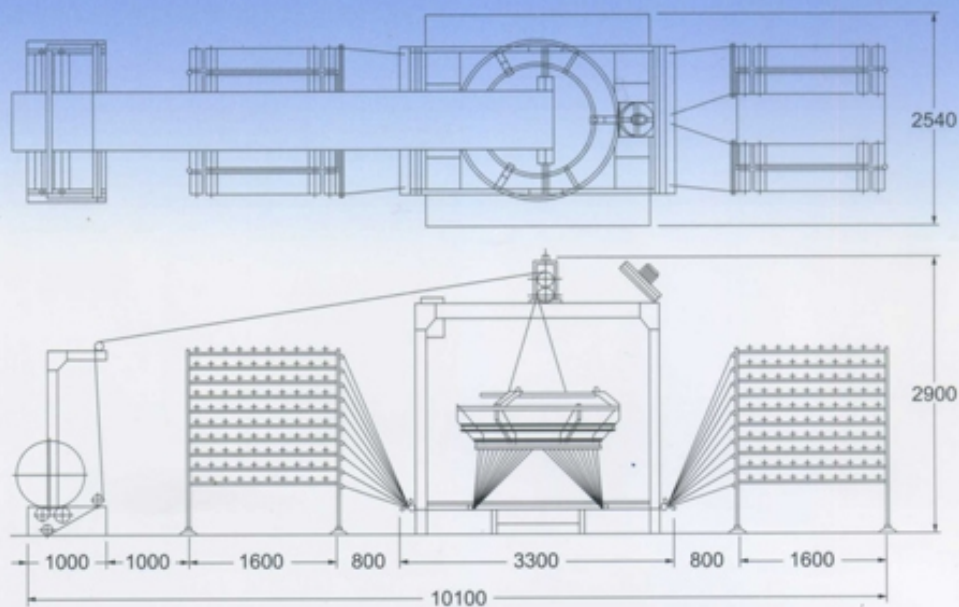
Shuttle running by engineering wheel against the track ring reducing down the consumption of Spare parts. And the track ring install with needle for holding the shuttle will not fly out. Even running at high speed. Easy operation for loading and unloading the shuttles.



#### AUTOMATIC OIL SPRAYER

Main mechanical gear driven ensure automatic oil circulation and free of maintenance.





SPECIFICATION	MODEL		SM-6S/900M	SM-6S/900V	SM-6S/900P
			GEAR TRANSMISION	INVERTER	PLC TOUCH SCREEN
WORKING ABILITY	SHUTTLE SPEED	RPM	120-150		
	NOS. OF SHUTTLE	PCS.	6		
	WEFT INSERTING SPEED	RPM	720-900		
	WEFT DENSITY	P/INCH	8-16		
	LAY FLAT WIDTH	MM	400-900		
YARN PACKAGE SIZE	WEFT TUBE	MM	I.D. (23-38) $\phi$		
	MAXIMUN WEFT PACKAGE	MM	105 $\phi$		
	WARP TUBE	MM	I.D. (23-38) $\phi$		
	WARP CREEL BOBBIN	PCS	800		
CLOTH WINDER	ROLLER WIDTH	MM	1000		
	TORQUE MOTOR	KG	10 KG-CM		
POWER	MAIN MOTOR 3P	KW	5 HP AC MOTOR	5HP AC + INVERTER	5HP AC + INVERTER
	TAKE-UP SPEED CONTROL		GEAR BOX TRANSMISION	GEAR BOX TRANSMISION	PLC & TOUCH SREEN
	WEAVING DENSITY CONSTRUCTION		GEAR BOX	GEAR BOX	1/2 HP AC MOTOR
	FAN MOTOR 3P	KW	1/2 HP		
LAYOUT & PACKING	DIMENSION LxWxH	M	10.1 x 2.54 x 2.9		
	PACKING G.W.	MT	2.9		

**Specifications are subject to change without notice for improvement.**

OPTIONAL DEVICE AVAILABLE UPON REQUEST :

1. Extra cloth winder for 1800 mm width, Thermo slitting device.
2. Gusseting device.