主要技术参数 MAINLY TECHNICAL SPECIFICATIONS

机 型	E2518/2B-132	E2518S/2-132	E2518S/2-186	E2518/3-132
针 型	槽针			
机 号	E32，E36，E40		E32，E36	
机 幅（毫米）	132"(3352.8mm)		186"(4724.4mm)	132"(3352.8mm)
梳 栉 数	2把(GB1、GB2)			3把(GB1、GB2、GB3)
最高编织速度（横列/分）	3600rpm	3500rpm(弹)/2500rpm(非弹)	3200rpm(弹)/2400rpm(非弹)	2800rpm
最大卷取直径（毫米）	Φ760mm			
送经方式	EBC电子送经			
横移方式	机械横移(48:1)			机械横移(24:1)
卷取方式	电子卷曲			
牵拉方式	电子牵拉			
盘头规格（毫米）	6-Φ762x535(30") 3-Φ762×1070(Φ30"×42")		8-Φ762×535(30")	6-Φ762×535(30") 3-Φ762×1070(Φ30"×42")
经轴直径	Φ152mm			
主电机功率	11KW			
机器重量：	8000KG		10000KG	

Machine Type	E2518/2B-132	E2518S/2-132	E2518S/2-186	E2518/3-132
Needle	Compound Needles			
Guage	E32，E36，E40		E32，E36	
Working Width (mm)	132"(3352.8mm)		186"(4724.4mm)	132"(3352.8mm)
Number of Guide Bars	2Bars(GB1、GB2)			3Bars(GB1、GB2、GB3)
Max. Speed	3600rpm	3500rpm(elastic)/2500rpm(Non-elastic)	3200rpm(elastic)/2400rpm(Non-elastic)	2800rpm
Max. Fabric Batching Diameter(mm)	Φ760mm			
Let-off Device	EBC			
Pattern Drive Device	Pattern Drive(48:1)			Pattern Drive(24:1)
Batching Device	Electronic Batching Device			
Take-up Device	Electronic Take-up Device			
Dia. of Sectional Beam(mm)	6-Φ762x535(30") 3-Φ762×1070(Φ30"×42")		8-Φ762×535(30")	6-Φ762×535(30") 3-Φ762×1070(Φ30"×42")
Dia. of Beam Shaft	Φ152mm			
Main motor power	11KW			
Weight	8000KG		10000KG	

打造装备旗舰 引领纺织发展

CREATING A FLAGSHIP IN MANUFACTURING, LEADING THE DEVELOPMENT OF TEXTILE INDUSTRY

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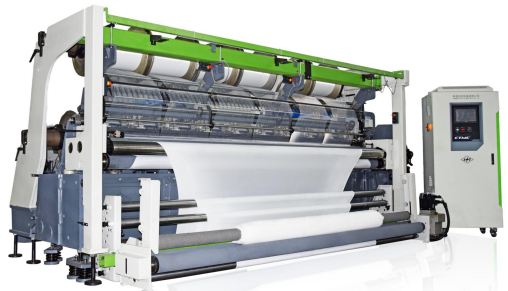
产品规格与外观可能有变更，恕不预先通知。
The specifications and external appearance of this unit are subject to change without prior notice.

非会员水印

常德纺织机械有限公司
CHANGDE TEXTILE MACHINERY CO.,LTD.

E2518 系列经编机
E2518 SERIES WARP KNITTING MACHINE

高速、高效、低能耗、智能化、新一代经编机



机器用途 MACHINE APPLICATION

E2518/2B-132 、E2518/3-132
主要用于生产游泳衣和运动服上的弹性织物，同时也生产内衣和功能性服装，另外还用于汽车车顶衬里和涂层底布等的生产。
Machine is mainly for producing elastic fabrics on swimwears, sports suits, underwears and functional garments. Besides, roof lining and coat base fabric for cars are also available on the machine.

E2518S/2-132 、E2518S/2-186
主要用于生产服装面料上的弹性或非弹性及重经织物，同时也能生产内衣和功能性服装。
Mainly be used in elastic、non-elastic、and heavy warp fabrics and can also be used in underwear and functional garments.

机器特点 THE MACHINE FEATURES

该机主要由机架、成圈机构、送经机构、牵拉卷取机构、编花横移机构、主传动及电气控制和一些必要的安全装置等部分组成。
The machine mainly consists of machine frame, knitting elements.let-off motion, take-up and batching device, patterning transverse shift device, main drive, electric control, and some neccessory safety devices.

1 成圈组件 KNITTING COMPONENTS

成圈机构由能单个安装槽针的针床，针芯床，沉降片床和2把或3把梳栉组成，所有针床均采用碳纤增强复合材料，这些成圈件均由曲轴连杆机构传动。
Needle bar which can install compound needles individually, to control bar, sinker bar, two or three guide bars make up the knitting elements, all parts of which are driven by crankshaft connecting rod system.

2 编花装置 PATTEM DEVICE

采用具有高速曲线的盘形凸轮控制梳栉横移。主轴与编花轮的传动比为48:1或24:1。编花轮芯具有零位销结构，方便更换不同的编花凸轮，而不需再调整移针时间。
Pattern unit adopts disk-shaped cam with high speed curve to control guide bars sideways, The drive ratio of main shaft to pattern cam is 48:1or 24:1. Pattern cam core adopts zero pin structure which makes it easy to change different pattern cams, adjusting racking time is no longer needed.

3 送经机构 LET OFF DEVICE

采用电子送经装置。
Adopt electronic let-off device.

4 牵拉卷取机构 TAKING UP AND BATCHING DEVICE

采用电子卷取机构，最大卷布直径Φ760mm。
Adopt electronic batching device, the maximum batching diameter ofΦ760mm.

5 传动机构 TRANSMISSIOM DEVICE

机器由主电机通过多楔带轮驱动主轴，由主轴驱动曲轴连杆机构、编花机构、编花横移机构。
Main shaft of the machine is driven by main motor through V-ribbed pulley, then the main shaft drives the crankshaft connecting rod system, pattern drive device, and EL device.

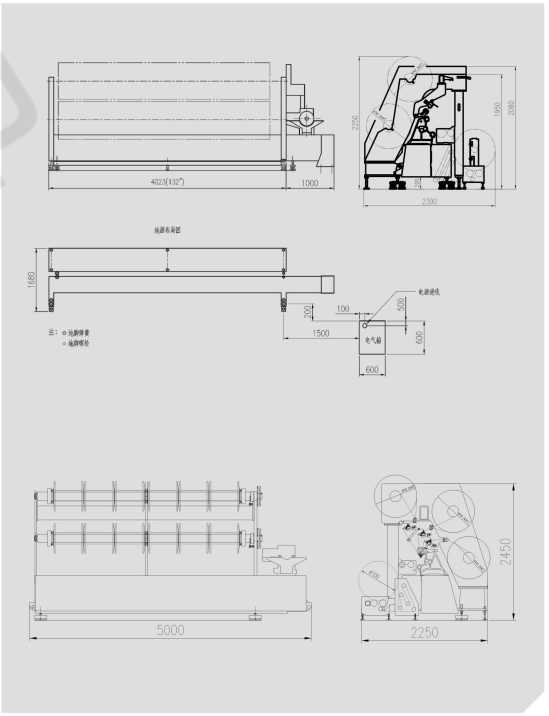
6 电气控制 ELECTINCAL CONTROLING

主电机采用变频调速，床身油箱的油可自动循环并配备加热、冷却的三位温控恒温控制系统；设有主轴转速和送经量电子显示、油温显示和纱线张力自停等装置。
Utilize servo to adjust the speed of the main motor; adopt the constant temperature control system which helps circulate oil in fuel tank automatically, and able to heat and cool; apply a electronic display of main shaft speed and the let-off amount ,oil temperature display and thread tension automatic stop device.

7 安全装置 SAFETY DEVICES

主传动部分传动链、编花传动部分传动链、编花链轮或凸轮、牵拉卷取机构传动链及送经传动传动链等均有防护罩壳。电气设备的安全保护按国家标准GB/T5226.1—2019《机械电气设备第一部分：通用技术条件》中的相关规定执行。
Driving chains of main drive unit, pattern drive unit, pattern sprocket or cam, take-up and batching device , and let-off motion should utilize protective cover. Execution of electrical equipment safety protection shall conform to relevant provisions of national standards GB/T5226.1—2019Electrical equipment of industrial machines . Part 1 : General requirements.

外形尺寸图 DIMENSION DRAWING



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