

● ● ● ● ■ MODEL BS519/BS529



## 环锭细纱机

短机系列

SHORT RING SPINNING FRAME SERIES



贝斯特机械制造有限公司  
BEST MACHINERY COMPANY LTD.

## 产品介绍

**贝斯特环锭细纱机短机系列机型**自推出以来,凭借其稳定的设备状态、快捷的安装方式、灵活的操控性能、优异的成纱质量倍受客户的青睐。不断的技术创新,令产品融入先进的智能化控制理念;独特的设计构思,充分满足用户稳定可靠、高速高效、节能降耗的产品需求,为纺织企业带来卓越的生产体验。

## PRODUCT

Since launch of the BEST short ring spinning frame series, which have been highly favored by customers for their stable equipment status, quick installation, flexible operation and control performance and excellent yarn quality. Continuous technological innovation has been integrated the advanced intelligent control concept into the product; Unique design concept has fully met the user's needs of stable and reliable, high speed and high efficiency, energy saving and low consumption of the products, to bring excellent product experience for textile enterprises.



# SHORT RING SPINNING FRAME SERIES

## 短机系列

短机系列

| 机型      | 车头传动型式 | 是否配紧密纺 |
|---------|--------|--------|
| BS519   | 开式     | 否      |
| BS519M  | 开式     | 是      |
| BS519E  | 数控     | 否      |
| BS519EM | 数控     | 是      |
| BS529   | 油浴     | 否      |
| BS529M  | 油浴     | 是      |

短集落系列

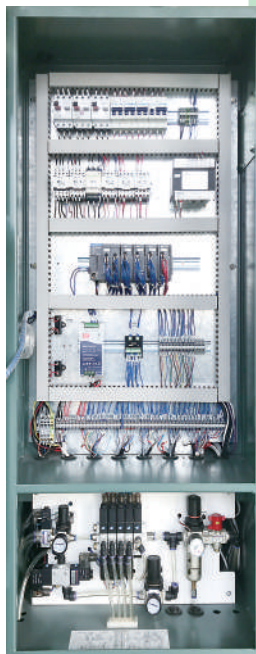
| 机型       | 车头传动型式 | 是否配紧密纺 |
|----------|--------|--------|
| BS519J   | 开式     | 否      |
| BS519JM  | 开式     | 是      |
| BS519EJ  | 数控     | 否      |
| BS519EJM | 数控     | 是      |
| BS529J   | 油浴     | 否      |
| BS529JM  | 油浴     | 是      |

## 卓越的设备性能实现最佳生产及用工效率

EXCELLENT EQUIPMENT PERFORMANCE: TO ACHIEVE THE BEST PRODUCTION AND LABOR EFFICIENCY



精密可靠的传动系统是优质成纱的基础  
Precise and reliable transmission system is the foundation of high quality yarn forming



成熟灵活的控制系統，不一样的操控体验  
Excellent and flexible control system, different Operation experience



短车集落/节省用工/提高效率  
Short frame with auto-doffer / Saving workers / Increasing efficiency

◎快速落纱，精准可靠  
Doffing faster, accurate and reliable

◎全自动理管，无需人工干预  
Management of the empty tubes is fully automatic without manual intervention

◎纱管输送、平稳高效  
Empty tube transporting is smooth and efficient



稳固的高精度机架，高速运转同样获得优质纱线

Solid and stable high-precision frame structure, High speed also produces high quality yarn

## 产品丰富多样

Products are greatly varieties.

数控细纱短机/集体落纱细纱短机/紧密纺细纱短机  
NC spinning short machine / Auto-doffing short machine / Compact spinning short machine

## 功能拓展创新

Functional expansion and innovation

粗纱输送系统/细纱断头检测/粗纱断纱停喂系统/粗细络联机系统  
Roving bobbin transport system / Ring frame break detection system  
Roving stop feeding system / Roving-Ring-winder Linker

## 品种满足需求

Product variety can meet demand.

花式纱/竹节纱/包芯纱/赛络纱/段彩纱  
Fancy yarn / Slubby yarn / Corespun yarn / Siro yarn / Sectional color yarn

需求引领创新 / 品质成就卓越

DEMAND LEADS INNOVATION / QUALITY ACHIEVES EXCELLENCE

## 数控短机/智能操控/数据共享

NC-SHORT FRAME/INTELLIGENT CONTROL/DATA SHARING



### 操控管理灵活便捷

Operation and control management are flexible and convenient

◎ 实现纺纱工艺、品种变化智能操控

Realize the intelligent control of spinning process and products variety change

### 智能化纺纱专家

Expert in intelligent spinning system

◎ 储存多种纺纱工艺，随时调取存储，智慧便捷

Storage lots of varieties of spinning process, to storage and retrieve the process at any time

### 助力数字化工厂管理

Helping hand in digital factory management

◎ 多种数据接口为纺纱 E 系统提供技术平台

Multiple data interfaces provide technical platform for spinning E-system

## 灵活的机器概念满足多变的市场需求

FLEXIBLE MACHINE CONCEPT CAN MEET THE CHANGING MARKET DEMAND.

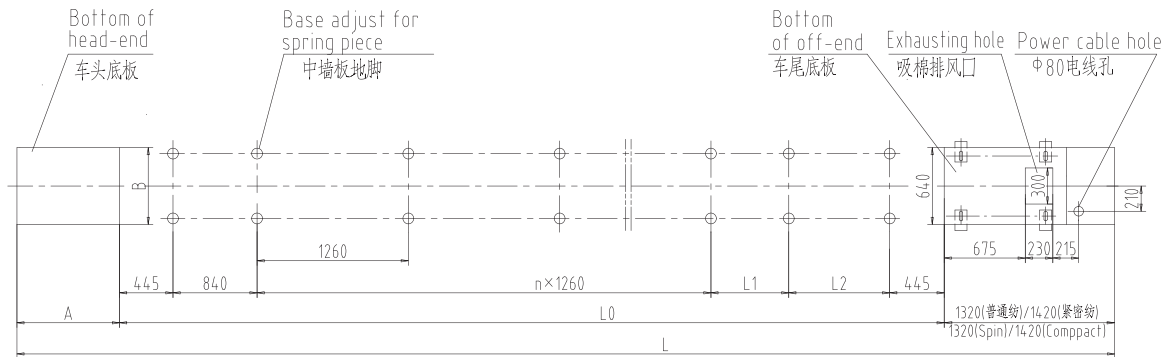


## 细纱机短机系列示意图

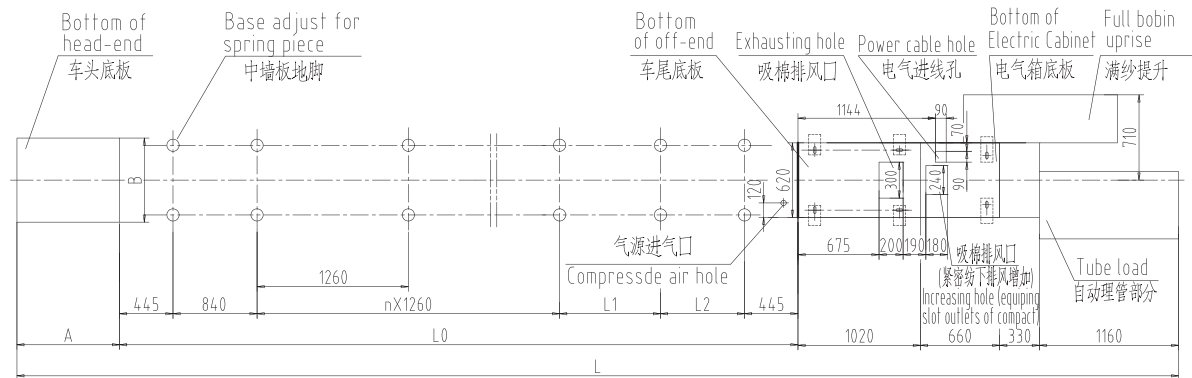
SHORT RING SPINNING FRAME SERIES FIG.

### 细纱机短机系列地脚平面图 FOUNDATION PLAN

Model BS519(E)(M) / BS529(M)



Model BS519(E)J(M) / BS529J(M)



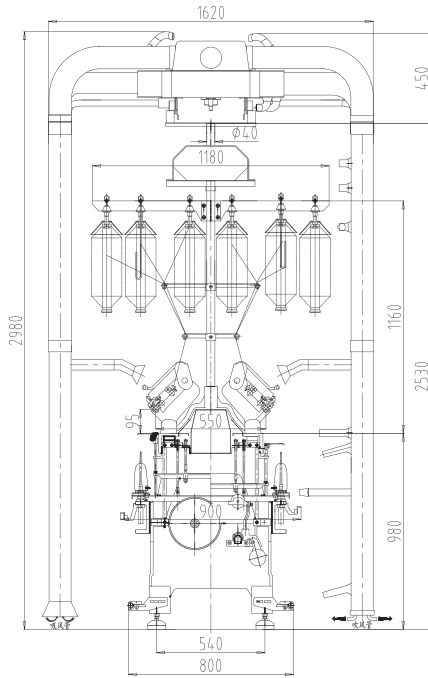
BS519(E)(M)/BS519(E)J(M):A=855,B=640;BS529(M)/BS529J(M):A=900,B=700

| 锭数 spd.      |                  | 420   | 432   | 444   | 456   | 468   | 480   | 492   | 504   | 516   |
|--------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n            |                  | 10    | 10    | 10    | 11    | 11    | 11    | 12    | 12    | 12    |
| L1           |                  | 0     | 0     | 840   | 0     | 0     | 840   | 0     | 0     | 840   |
| L2           |                  | 700   | 1120  | 700   | 700   | 1120  | 700   | 700   | 1120  | 700   |
| L0           |                  | 15030 | 15450 | 15870 | 16290 | 16710 | 17130 | 17550 | 17970 | 18390 |
| BS519(E)     | L(滴油润滑,普通纺)      | 17205 | 17625 | 18045 | 18465 | 18885 | 19305 | 19725 | 20145 | 20565 |
| BS519(E)M    | L(滴油润滑,紧密纺)      | 17305 | 17725 | 18145 | 18565 | 18985 | 19405 | 19825 | 20245 | 20665 |
| BS529        | L(油浴车头,普通纺)      | 17250 | 17670 | 18090 | 18510 | 18930 | 19350 | 19770 | 20190 | 20610 |
| BS529M       | L(油浴车头,紧密纺)      | 17350 | 17770 | 18190 | 18610 | 19030 | 19450 | 19870 | 20290 | 20710 |
| BS519(E)J(M) | L(滴油润滑,集体落纱自动理管) | 19055 | 19475 | 19895 | 20315 | 20735 | 21155 | 21575 | 21995 | 22415 |
| BS529J(M)    | L(油浴车头,集体落纱自动理管) | 19100 | 19520 | 19940 | 20360 | 20780 | 21200 | 21620 | 22040 | 22460 |

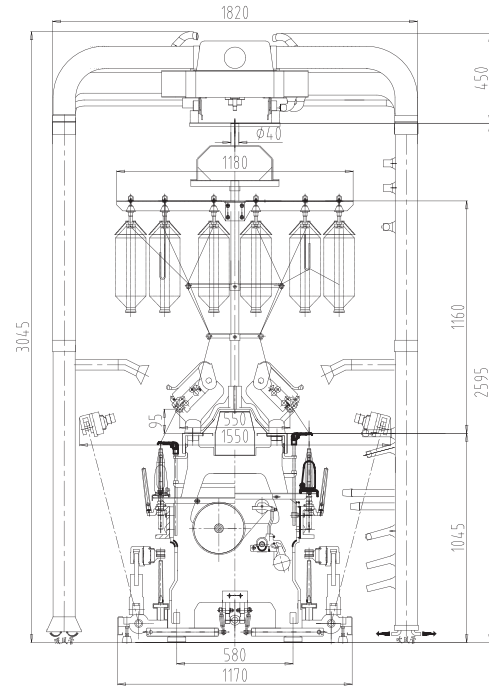
需求引领创新 / 品质成就卓越

DEMAND LEADS INNOVATION / QUALITY ACHIEVES EXCELLENCE

细纱机短机系列断面图  
CROSS SECTION VIEW



细纱机集落短机系列断面图  
CROSS SECTION VIEW



## 主要技术参数 MAIN TECHNICAL DATA

| 机 型 Model                  | BS519(E)(M)/BS529(M)                           | BS519(E)J(M)/BS529J(M)                                                            |
|----------------------------|------------------------------------------------|-----------------------------------------------------------------------------------|
| 锭数系列 Spindle Number        | 480 ± 12n 系列 (n 为整数)                           |                                                                                   |
| 最大锭数 Max spindle No.       | 516                                            |                                                                                   |
| 锭 距 Spindle gauge          | 70                                             |                                                                                   |
| 升降动程 Lifting               | 180                                            |                                                                                   |
| 适纺支数 Count                 | 6~100Ne                                        |                                                                                   |
| 锭子及锭速<br>Spindle and speed | YD4203<br>锭速 13000~18000rpm                    | YD4211FA 或 YD4210 系列, 锭速 8000~18000rpm<br>YD6111FA 或 YD6110 系列, 锭速 13000~20000rpm |
| 捻 向 Twist direction        | Z 捻                                            |                                                                                   |
| 捻 度 Twist                  | 300~1900                                       |                                                                                   |
| 牵伸倍数 Drafting time         | 10~50 倍                                        |                                                                                   |
| 摇 架 Weighting Arms         | 弹簧摇架 spring; 气动摇架 Pneumatic; 板簧摇架 Leaf Spring; |                                                                                   |
| 罗拉直径 Roller dia.           | 三列 Φ25; 三列 Φ27                                 |                                                                                   |
| 钢 领 Ring                   | PG1 或 PG1/2; 3854, 4054, 4254                  |                                                                                   |
| 纱 架 Roving creel           | 四列纱架; 六列纱架; 赛络纺纱架                              |                                                                                   |
| 断头吸棉 Suction               | 笛管式                                            |                                                                                   |
| 电气控制 Electric control      | 三自动, 变频控制                                      | 全自动集体落纱                                                                           |

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