SANY®

FORGING THE FUTURE TOGETHER

三一移动筛分站 SANY Mobile Screening Plant

SS18 / SS20 系列 Series

高效筛分·油电低耗·灵活适配 · 智联高产

High-Efficiency Screening · Energy-Saving Dual Power · Flexible Configuration · Intelligent Multi-Machine Coordination for Higher Output

筛分系统
Screening System

更大的筛网面积，产能提升 10%，多种规格筛网可选
Larger Screening Area · 10% Higher Throughput · Multiple Screen Mesh Options
电机直驱振动器，相比液压能效提升 20%
Direct Motor-Driven Exciter · 20% Higher Energy Efficiency than Hydraulic Drive
独立溜槽系统，降低振动筛参重质量
Independent Chute System · Reduced Screen Vibrating Mass

动力系统
Power System

油电双动力，工作模式下全电驱动，相比柴油液压动力，能耗节省 30% 以上
Diesel & Mains Power Options · Electric Drive Available in All Working Mode · Over 30% Energy Savings Compared with Diesel-Hydraulic Drive
支持从外部或前端设备取电，用电能耗更低
Power Supply from External Sources or Upstream Equipment · Lower Overall Production Line Energy Consumption
全系列移动筛分站动力保养件通用，维护成本更低
Common Power System Service Parts across All Mobile Screening Models · Lower Maintenance Costs



安全维护
Safe Maintenance

专利折叠式走台设计，整机运输宽度仅 3 米
Patented Folding Walkway · Overall Transport Width of 3 Metres
振动筛液压升降，筛网更换更安全，空间更大
Hydraulic Screen Lifting · More Space & Safer Screen Replacement

重载底盘
Heavy-duty Track Undercarriage

与三一挖机履带底盘技术同源，经久耐用，配件与挖机通用
Built on SANY Excavator Undercarriage Technology · Durable Construction · Parts Interchangeable with SANY Excavators
高低速行走模式，面对不同路况都具备良好的爬坡转向能力
Two-Speed Travel · Excellent Gradeability & Steering across Varied Terrain

控制系统
Control System

图形化触控 HMI，操作简便，5 分钟可上手
Graphic Touch HMI · Simple Operation, Masterable in 5 Minutes · Easy to Use
选配多机智联模块，转场自动组网，多机协同打料，故障应急联锁停机，产能提升 15%
Optional Intelligent Multi-Machine Coordination Module · Automatic Networking · Coordinated Crushing · Emergency Interlock Shutdown · Up to 15% Higher Productivity
全周期预测性诊断维护，提升出勤率，并可降低突发性停机
Full-Cycle Predictive Diagnostic Maintenance · Higher Availability, Reduced Unplanned Downtime

技术参数
Technical Specifications

序号 Item	主要参数 Main Parameters	SS18 系列 Series	SS20 系列 Series
	运输参数 Transportation Parameters		
1	展开尺寸（长×宽×高） Unfolded dimensions (L × W × H)	15.0 x 14.0 x 6.2 m	16.3 x 14.2 x 7.2 m
	运输尺寸（长×宽×高） Transportation dimensions (L × W × H)	15.5 x 3.0 x 3.8 m	16.8 x 3.2 x 3.9 m
	整机重量 Weight	32 - 35 t	37 - 39 t
	振动筛 Screen		
2	尺寸 Size	6000 x 1800 mm	7000 x 2000 mm
	筛分面积 Screening area	10.8 m^2	14 m^2
	筛板层数 Decks	3	3
	通过量 Capacity	150 - 500 t / h	150 - 600 t / h
	振幅 Stroke	8 - 9 mm	8 - 9 mm
	给料系统 Feeding System		
	料斗容积 Hopper volume	3 m^3	3 m^3
	装料高度 Loading height	2300 mm	2300 mm
	装料宽度 Loading width	2100 mm	2100 mm
	最大给料粒度 Max feed size	150 mm	150 mm
	输送机 Conveyor		
4	主输送皮带机（宽度B） Main Belt Conveyor (Width B)	1200 mm	1200 mm
	超大料输送机 （宽度B/卸料高度H） Oversize Conveyor (Width B / Discharge height H)	500 mm / 3.45 m	500 mm / 3.45 m
	大料输送机 （宽度B/卸料高度H） Coarse Conveyor (Width B / Discharge height H)	800 mm / 3.65 m	800 mm / 3.65 m
	中料输送机 （宽度B/卸料高度H） Medium Conveyor (Width B / Discharge height H)	500 mm / 3.65 m	500 mm / 3.65 m
	细料输送机 （宽度B/卸料高度H） Fine Conveyor (Width B / Discharge height H)	1200 mm / 3.65 m	1200 mm / 4.2 m
	动力系统 Power System		
5	品牌规格 Brand specifications	WEICHAI 3.6T	WEICHAI 3.6T
	功率 Power	115 kW @ 1800 rpm	129 kW @ 2400 rpm
	行走系统 Traveling System		
6	行走速度（高/低） Travel Speed (High / Low)	1 km/h / 0.3 km/h	1 km/h / 0.3 km/h
	最大爬坡能力 Maximum gradeability	10° 17.6 %	10° 17.6 %
	选配 Options		
7	可选模块 Optional	高温气候套件 Hot Climate Kit	低温气候套件 Cold Climate Kit
		不同孔径的振动筛筛网 Vibrating Screen Media with Different Aperture Sizes	主输送皮带机和细料皮带机的防护罩 Guards for Main Conveyor and Fine Conveyor
		独立给料系统（仅SS18） Independent Feeding System(SS18 Only)	多机智联 Intelligent Multi-Machine Coordination

筛网类型
Screen Types

标准三层筛网类型 Standard Three-Deck Screen Types	筛孔直径推荐范围 Recommended Aperture Range	变化规则 Variation Rules
编织筛网（上层） Woven Screen (Upper Deck)	8mm ≤ ϕ1 ≤ 80mm	1. 筛孔直径为整数 Aperture values are integers 2. 建议每层之间筛孔直径差值≥5mm Recommended aperture difference between decks ≥5 mm
编织筛网（中层） Woven Screen (Middle Deck)	8mm ≤ ϕ2 ≤ 80mm	
编织筛网（下层） Woven Screen (Lower Deck)	3mm ≤ ϕ3 ≤ 20mm	

应用场景
Application Scenarios



矿山
Mining



骨料
Aggregate



固废回收
Solid Waste Recycling

* 实际产量取决于应用工况（所需成品、给料物料特性与粒度、含水率）
* Capacity depends on application (required end products, feed material characteristics and size, moisture)

Reminder:
Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.
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