SANY®

FORGING THE FUTURE TOGETHER

三一移动颚式破碎站 SANY Mobile Jaw Crusher

SJ11 / SJ12 系列 Series

油电两用 · 全域电驱 · 紧凑机身 · 智联高产

Diesel & Electrical Power Options · Full Range Electric Drive · Compact Design · Intelligent Multi-Machine Coordination for Higher Output

折叠式受料斗
Foldable Hopper

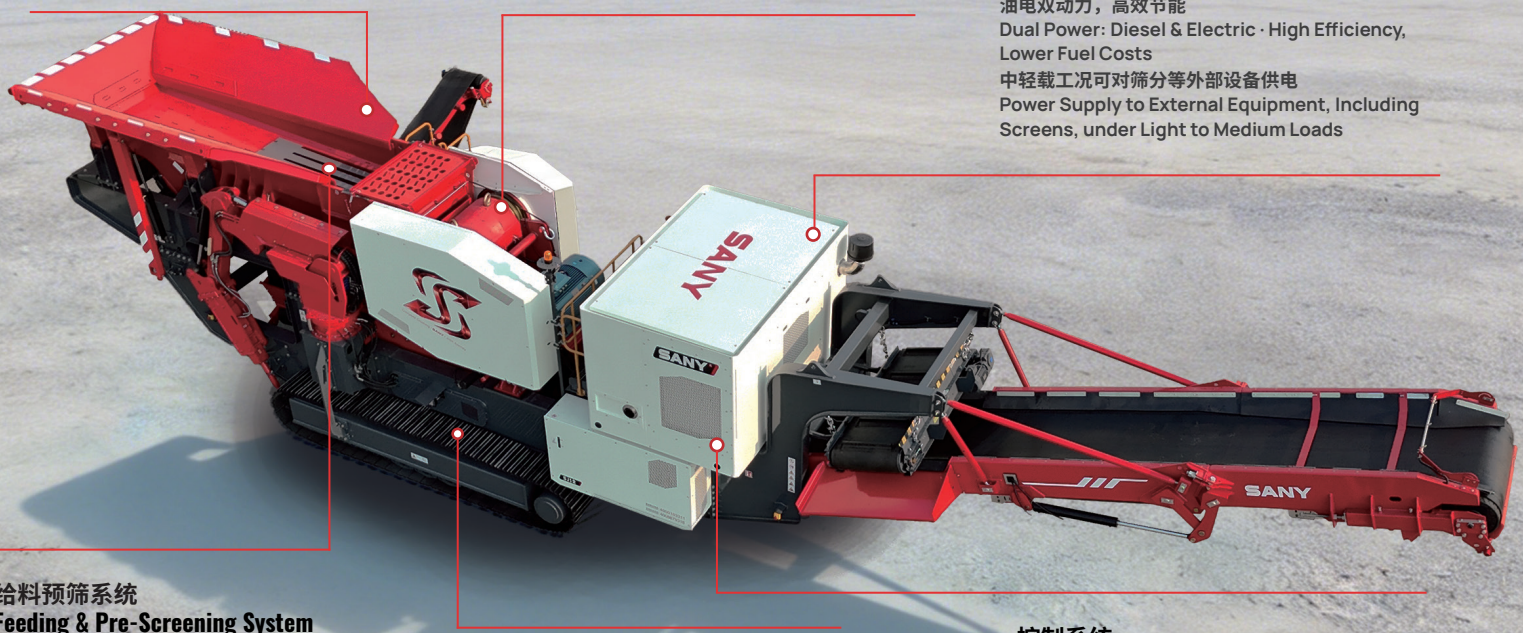
专利三斗互锁结构，结构更稳定，操作维保更便捷
Patented Three-Plate Interlocking Hopper · Enhanced Stability · Easier Operation & Maintenance
多折弯高强度侧板，可扩容，转运可折叠
High-Strength Side Plates with Multiple Bends · Expandable Capacity · Foldable for Transport

破碎主机系统
Crusher Main Unit

铸钢分体主机机架、模块化组合、抗冲击寿命长
Heavy - Duty Cast-Steel Frame · Modular Combination · Built to Last
深腔、大冲程运动学设计，破碎硬岩更高效
Deep Crushing Chamber · Long-Stroke Design· More Efficient Hard Rock Crushing
应对极端硬岩或大尺寸原料，可选配破碎锤提效
Tackles Hard Rock & Oversized Feed · Optional Hydraulic Breaker

动力系统
Power System

大马力冗余设计，应对冲击不掉速、重载不冒黑烟
High-Power Reserve · No Speed Drop Under Impact· No Black Smoke at Heavy Loads
工作模式下全电驱动，负载自适应最佳油耗
Electric Drive in All Working Modes · Load-Adaptive Control for Optimum Fuel Consumption
油电双动力，高效节能
Dual Power: Diesel & Electric · High Efficiency, Lower Fuel Costs
中轻载工况可对筛分等外部设备供电
Power Supply to External Equipment, Including Screens, under Light to Medium Loads



给料预筛系统
Feeding & Pre-Screening System

给料速度自适应，大振幅激振器实现原料高效流动，给料与预筛同步完成
Adaptive Feed Rate · High-Amplitude Exciter for Efficient Material Flow · Simultaneous Feeding & Pre-Screening
应对细料含量多的原料，可选配独立式预筛提效，减少主机磨损更节能
Optional Independent Pre-Screen for Fines-Rich Material · Higher Efficiency · Reduced Crusher Wear & Energy Consumption
45° 折叠预筛皮带，整机 3 米宽度（含破碎锤）运输免拆解
45° Folding Pre-Screen Conveyor· 3 m Transport Width Without Dismantling, Including Hydraulic Breaker

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
SANY Excavator Track Homology · Durable Construction, Interchangeable Parts
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
High/Low-Speed Travel Modes · Excellent Climbing & Steering on Different Ground Conditions.High-Strength Steel Frame · Built to Last

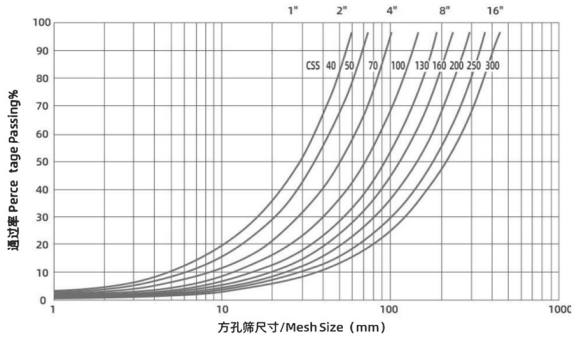
控制系统
Control System

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 after Relocation · Coordinated Crushing· Interlocked Shutdown on Faults or Emergencies · 15% Higher Throughput
全周期预测性诊断维护，提升出勤率，并可降低突发性停机
Lifecycle Predictive Diagnostics & Maintenance · Higher Uptime · Fewer Unplanned Shutdowns

技术参数
Technical Specifications

序号 Item	主要参数 Main Parameters	SJ11 系列 Series	SJ12 系列 Series
	运输参数 Transportation Parameters		
1	展开尺寸(长×宽×高) Unfolded dimensions (L × W × H)	18.3 × 6.0 × 4.6 m	18.3 × 6.0 × 4.6 m
	运输尺寸(长×宽×高) Transportation dimensions (L × W × H)	16.1 × 3.0 × 3.9 m	16.1 × 3.0 × 3.9 m
	整机重量 Weight	56 - 62 t	65.5 - 71 t
	给料系统 Feeding System		
2	料斗容积 Hopper volume	7 m^3	7 m^3 / 9 m^3
	预筛侧皮带 Pre-screen side belt conveyor	500 mm	500 mm
	最大给料粒径 Max feed size	600 mm	700 mm
	最大给料能力 Maximum feeding capacity	450 t/h	550 t/h
	预筛筛网层数 Number of pre-screening sieve layers	2	2
	装料高度 Loading height	4480 mm	4480 mm
	装料宽度 Loading width	2800 / 4060 mm	2800 / 4060 mm
	主皮带机 Main Conveyor		
3	皮带宽度 Belt width	1200 mm	1200 mm
	皮带长度 Belt length	14000 mm	14000 mm
	卸料高度 Discharge height	4000 mm	4000 mm
	破碎系统 Crushing System		
4	通过量 Capacity	150 - 450 t/h	200 - 550 t/h
	主机功率 Crusher power	132 kW	160 kW
	进料口尺寸 Feed opening	1150 x760 mm	1200 x 870 mm
	排料口范围 CSS range	70 - 200 mm	70 - 200 mm
	动力系统 Power System		
5	品牌规格 Brand specifications	DEUTZ 13T	DEUTZ 13T
	排放等级 Emission level	欧三/国四/欧五 EU Stage III / China Stage IV / EU Stage V	欧三/国四/欧五 EU Stage III / China Stage IV / EU Stage V
	发动机功率 Power	377 kW @ 1500rpm	452 kW @ 1500rpm
	行走系统 Traveling System		
6	行走速度（高/低）Traveling speed (high / low)	1 km/h / 0.3 km/h	1 km/h / 0.3 km/h
	最大爬坡能力 Maximum climbing capacity	12° 21.3%	10° 17.6%
	选配 Options		
7	可选模块 Optional	高温气候套件 Hot Climate Kit	折叠侧皮带 Foldable Side Conveyor
		低温气候套件 Cold Climate Kit	独立预筛 Independent pre-screen
		自动除铁器 Auto Magnetic Separator	液压主机 Hydraulic Main Unit
		非折叠主皮带 Non-folding Main Conveyor	破碎锤（仅SJ12） Hydraulic Breaker(SJ12 Only)
		多机智联 Intelligent Multi-Machine Coordination	料斗容积9方（仅SJ12） Hopper Capacity 9m^3(SJ12 Only)

破碎粒度曲线图
Crushing Gradation Curve



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（来料、硬度、级配、密度、含水率、排料口大小等）
* Actual output depends on application conditions (feed material, hardness, gradation, density, moisture content, discharge opening size, etc.)

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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