品质改变世界

QUALITY CHANGES THE WORLD







中国 湖南 长沙经济技术开发区三一工业城 Address SANY Industry Town, Changsha National Economic & Technical Development Zone, Hunan, China

邮编 **7in** 410100

电话 Tel 0731-84031888 售后服务热线 After-sales service 4008 87 8318

传真 Fax 0731-84031999 咨询投诉电话 Consulting and complaint telephone 4008 87 9318

代理商信息 Agent Information

如产品配置(含技术参数)发生变动, 恕不另行通知,以交机实物为准。

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Bontents



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三一重工股份有限公司是国内最大规模的路面机械成套设备供应商之一。产品涵盖摊铺机系列、压路机系列、沥青搅拌设备系列、平地机系列、铣刨机系列。

公司秉承"品质改变世界"的历史使命,以"为客户创造最大价值"为己任,设立三一路机美国研究院和三一路机德国研究院,产品融汇全球最尖端科技,其中由美国设计的重型平地机和德国设计的双钢轮压路机,是具有国际一流水平的精品,其摊铺机和沥青搅拌站连续五年蝉联国内销量第一,为中国第一品牌,畅销全球六十余个国家。

面对高速公路、机场和城市高等级路面施工和全球市场,我们为客户提供路面施工成套设备和系列解决方案。打造无以伦比的服务体系,为客户免除后顾之忧,在中质协服务满意度调查中,三一连续三年获得满意度第一,赢得了客户的高度信赖。"筑路中国·畅行天下",三一路机将不遗余力地服务于全球经济发展和道路建设。

SANY ROAD MACHINERY

SANY Heavy Industry Co., Ltd. is one of the largest complete equipment suppliers of road machinery. The products cover pavers, rollers, asphalt batching plants, graders, and milling machines etc.

Taking "Quality changes the world" as the mission and "Creating the greatest values for customers" as the duty, Hunan SANY Road Machinery Co., Ltd., has set up SANY (USA) Road Machinery Institute and SANY (Germany) Road Machinery Institute and integrated the most cutting-edge technologies into its products, of which: heavy graders designed by the United States and double drum vibratory rollers designed by Germany are high-quality products of internationally top level; the pavers and asphalt batching plants, having been best sellers in China for 5 consecutive years, are No.1 brand in China and sold well in over 60 countries across the world.

Faced with the construction of expressways, roads in airports and urban high-class roads and with the global market, we provide road construction complete equipment and series of solutions. We have created an unmatched service system to eliminate the customers' worries. In the service satisfaction surveys performed by China Association for Quality, SANY has ranked No.1 for 3 consecutive years and won high trust from the customers. Keeping "Construct roads in China, Connect with the world freely" in mind, SANY Road Machinery Co., Ltd. will spare no effort in serving the global economic development and road construction.







TECHNICAL PARAMETER 技术参数

Technical Parameters of SCM500C-8H Milling Machine

SCM500C-8H 铣刨机技术参数

	项目 Item	SCM500C-8H	
	厂家 / 型号 Manufacturer/model:	三一动力 D05/ 国 Ⅲ	
 发动机	额定功率 Rated power	100kW/2200rpm	
Engine	控制方式 Control mode	电子控制 Electronic control	
	满负荷油耗(L/h) Full load fuel consumption (L / h)	21	
	铣刨宽度 Milling width (mm)	500	
工作性能 Working	铣刨深度 Milling depth(mm)	0~180	
performance	离地间隙 Ground clearance (mm)	250	
	最大行驶速度 Maximum traveling speed(km/h)	8	
	刀间距 (mm) Cutter spacing (mm)	15	
铣刨鼓 Milling drum	刀具数(个) Number of tools	50	
	含刀具时转子直径 (mm) Rotor diameter with tool (mm)	670	
重量	整机重量 (运输重量) Total weight(transported weight) kg	7t	
Weight	工作重量 Working weight(kg)	7.5t	
	行驶档速度 (m/min) Driving speed (M / min)	0~133(0~8km/h)	
/-=+/-	工作档速度 (m/min) Working gear speed (M / min)	0~33	
一行驶系统 Driving system	轮胎: 直径 × 宽度 (mm) Tire: diameter × width (mm)	Ф559×203	
System	支腿升降 Leg lifting	乌龟档/兔子档	
	驱动方式 Driving mode	全液压四驱 + 液压差速锁	
箱体容量	燃油箱 Fuel tank (L)	160	
Tank capacity	液压油箱 Hydraulic oil tank(L)	80	
	水箱 Water tank(L)	320	
输料系统	皮带宽度 Belt width (mm)	400	
Conveying system	最大卸料高度 Max. conveying height (mm)	2900	

主要尺寸 Main Dimension	SCM500C-8H
H1(mm)	3085
H2(mm)	2440
H3(mm)	2190
W1(mm)	950
W2(mm)	1380
W3(mm)	2085
L1(mm)	1800
L2(mm)	3370
L3(mm)	5990
L4(mm)	8640

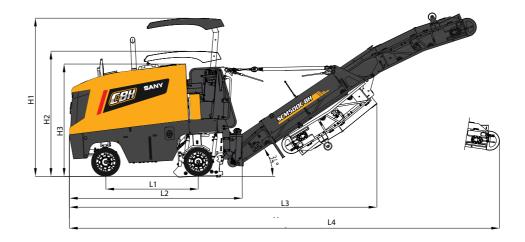
备注: 工作重量包括半箱水、半箱燃油、机手(75kg)及刀具;

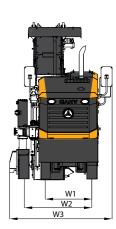
The working weight includes that of a half tank of water, a half tank of fuel, the operator (75 kg) and cutting tool.

Basic and Optional Configuration of SCM500C-8H Milling Machine

SCM500C-8H 铣刨机基本配置和选配方案

型号 Model	基本配置 Basic Configuration		选配 / 加配 Optional/Additional Configuration	
	基本配置 Basic Configuration	名称规格 Name and Specification	名称规格 Name and Specification	配置属性 Configuration Property
	三一动力发动机 + 四轮驱动 + 液压传动 + 标准刀间距铣刨鼓 + 机械式深度尺SANYpower engine + 4WD + mechanical belt drive+ milling drum with the standard cutter space + standard leveling	动 + 标准刀间 · 机械式深度尺 wer engine +	可折叠输料机 Foldable conveyor	选配 Optional
SCM500 C-8H			顶蓬 Roof	选配 Optional
		1	0.35m 米铣刨刨鼓 0.35m milling drum	选配 Optional











TECHNICAL PARAMETER 技术参数

Technical Parameters of SCM1000C-8/1300C-8 Milling Machine

SCM1000C-8/1300C-8 铣刨机技术参数

SCIVII	3CIVITUUUC-0/13UUC-0 抗刨机技术参数						
	项目 Item	SCM1000C-8	SCM1300C-8	主要尺寸 Main Dimension	SCM1000C-8	SCM1300C-8	
	厂家 / 型号 Manufacturer/model:	三一动力 D07/ 国 III	三一动力 D07/ 国 III	H1(mm)	3480	3480	
发动机 Engine	额定功率 Rated power	180kW	180kW	H2(mm)	2690	2690	
	控制方式 Control mode	电子控制 Electronic control	电子控制 Electronic control	H3(mm)	4500	4500	
	铣刨宽度 Milling width (mm):	1000	1300	W1(mm)	1450	1450	
工作性能 Working	铣刨深度 Milling depth(mm):	0~280	0~280	W2(mm)	1900	2200	
performance	离地间隙 Ground clearance(mm)	280	280	W3(mm)	2320	2620	
	最大行驶速度 Maximum traveling speed(km/h)	8	8	L1(mm)	2690	2690	
重量	整机重量 (运输重量): Total weight (transported weight) kg:	14.5t	14.9t	L2(mm)	4890	4890	
Weight	工作重量 Working weight(kg):	15.2t	15.6t	L3(mm)	8550	8550	
轮胎规格 Tyre specification	轮胎尺寸 Tyre size: 直径 × 宽度 (mm)	Ф620×255	Ф620×255	L4(mm)	12560	12560	
	燃油箱 Fuel tank(L):	400	400				
箱体容量 Tank capacity	液压油箱 Hydraulic oil tank(L):	120	120				

800

500

4500

输料系统

Conveying

备注: 工作重量包括半箱水、半箱燃油、机手(75kg)及刀具;

Max. conveying height (mm)

水箱 Water tank (L):

Belt width (mm)

最大卸料高度

皮带宽度

The working weight includes that of a half tank of water, a half tank of fuel, the operator (75 kg) and cutting tool.

800

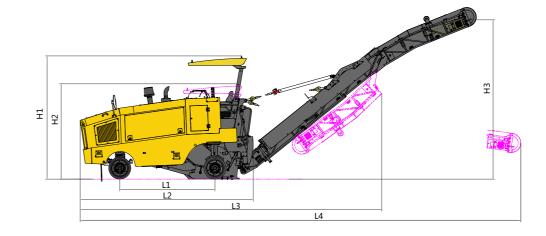
500

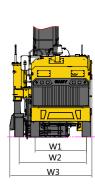
4500

Basic and Optional Configuration of SCM1000C-8/1300C-8 Milling Machine

SCM1000C-8/1300C-8 铣刨机基本配置和选配方案

型목	基本配置 Basic Configuration		选配 / 加配 Optional/Additional Configuration	
Model	基本配置 Basic Configuration	名称规格 Name and Specification	名称规格 Name and Specification	配置属性 Configuration Property
		1	快换刀座铣刨鼓(18mm 刀间距) Milling drum of quick change tool holder (18mm cutter spacing)	
SCM1000C -8/1300C-8		1	精铣刨鼓(一线一齿) Fine milling drum (one milling tooth in a line)	加配 Additional
		1	精铣刨鼓(一线二齿) Fine milling drum (two milling teeth in a line)	加配 Additional







高效平稳

- ◆ 超大的铣刨鼓容屑空间,切削料排出快,铣刨速度更快。
- ◆ 最大 330mm 铣刨深度, 可一次完成全厚度铣刨作业。
- ◆ 850mm 超宽输送带及更高的输送速度,保证超强输送能力。
- ◆ 重量及重心设计合理, 作业更平稳。

适用性强

- ◆左右 60°的摆角,适应各种复杂工况。
- ◆右侧滑板最大提升高度 450mm, 贴边效果好。
- ◆美国康明斯 447KW 发动机,经济、高效、精细三档可选,满足不同需求。
- ◆可选配负压除尘系统,更好地满足环保要求。

EFFICIENT AND STABLE

- Extra-large debris space of milling drum brings fast drainage of cutting materials and fast milling
- 330 mm maximum milling depth helps realize full-thickness milling at one time.
- ♦ 850 mm ultra-wide conveyor belt and higher transmission speed ensure ultra-strong transmission capacity.
- Reasonable weight and gravity center design makes

HIGHLY APPLICABLE

- ♦ 60° swing angle on both sides makes it adaptive to all complex conditions
- 450 mm maximum lifting height of right sliding plate brings good fitting.
- ◆ Economic, efficient and delicate 3-gear Commins

447 kW engine satisfies all operation demands.

• Optional negative pressure dedusting system better satisfies environmental protection.

CONVENIENT

- Fast disassembly tool contributes to easier removal
- ◆ Rotary sitting operation brings better field of view and lower work intensity.
- Movable display, simple operation panel and "onekey construction" make operation easier.
- Fault self-diagnosis system and ultra-large maintenance room make self-inspection

SCM2000C-8S/2200C-8 MILLING MACHINE SCM2000C-8S/2200C-8 铣刨机

轻松方便

- ◆快拆式设计,刀头拆卸更轻松。
- ◆ 旋转式坐姿操作,视野更好、工作强度更低。
- ◆可移动显示器,精简式操作面板及"一键施工"功能,操作更简单。◆故障自诊断系统、超大维修空间,检修自查更方便。





TECHNICAL PARAMETER 技术参数

Technical Parameters of SCM2000C-8S/2200C-8 Milling Machine

SCM2000C-8S/2200C-8 铣刨机技术参数

	项 目	SCM2000C-8S	SCM2200C-8
	厂家 / 型号 Manufacturer/model	发动机 Engine QSX15 496kW Tier3 Cummins	发动机 Engine QSX15 496kW Tier3 Cummins
发动机 Engine	额定功率 Rated power	496kW@2100rpm	496kW@2100rpm
	控制方式 Control mode	电子控制 Electronic control	电子控制 Electronic control
	铣刨宽度 Milling width(mm)	2010	2200
工作性能	铣刨深度 Milling depth(mm)	0 ~ 330	0 ~ 330
Working performance	行走速度 Travelling (milling) speed(m/min)	0 ~ 84(0 ~ 5km/h)	0 ~ 84(0 ~ 5km/h)
	离地间隙 Ground clearance (mm)	310	310
	整机重量 (运输重量) Total weight (transported weight)kg	31t	31.5t
重量 Weight	工作重量 Working weight(kg)	33t	33.5t
	最大工作重量: Max. working weight	35t	35.5t
履带 Track	前履带 Front track (L×W×H/mm)	1852 × 320 × 670	1852 × 320 × 670
(LxWxH,mm)	后履带 Rear track (L×W×H/mm)	1852 × 320 × 670	1852 × 320 × 670
	燃油箱 Fuel tank(L)	1080	1080
箱体容量(L) Tank capacity	液压油箱 Hydraulic oil tank(L)	270	270
	水箱 Water tank (L)	3200	3200
材料输送系统	一级皮带宽度 Level-1 belt width (mm)	850	850
Material conveying	二级皮带宽度 Level-2 belt width (mm)	850	850
system	最大输料高度 (mm) Max. conveying height (mm)	4700	4700

skW	L1(mm)	15970	15970
m	L2(mm)	15143	15143
	L3(mm)	12240	12240
ol	L4(mm)	8420	8420
	H1(mm)	4700	4700
	H2(mm)	3150	3150
h)	H3(mm)	3091	3091
	X1(mm)	2160	2160
	X2(mm)	2660	2660
	W3(mm)	2660	2877
	W2(mm)	2300	2300
	H4(mm)	4064	4064
0	W1(mm)	1400	1400
)			

SCM2000C-8S SCM2200C-8

1)工作重量包括半箱水、半箱燃油、机手(75kg)及刀具; 2)选配 2m 精铣刨鼓。

3) 铣刨宽度标配为 2010mm。

1) The working weight includes that of a half tank of water, a half tank of fuel, the operator (75 kg) and cutting tool;

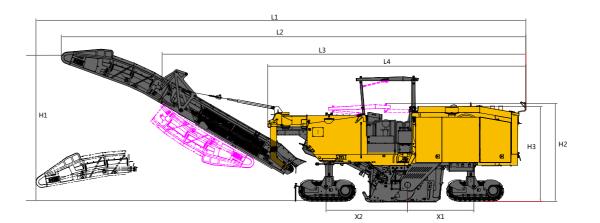
2) Optional 2m fine milling drum

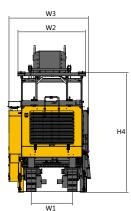
3) The standard milling width is 2,010 mm.

Basic and Optional Configuration of SCM2000C-8S/2200C-8 Milling Machine

SCM2000C-8S/2200C-8 铣刨机基本配置和选配方案

		配置 nfiguration	选配 / 加配 Optional/Additional Configuration	
Model	基本配置 Basic Configuration	名称规格 Name and Specification	名称规格 Name and Specification	配置属性 Configuration Property
SCM2000C-8S	美国 Cummins 发动机 +SYMC 电控系统 + 标准 间距铣刨鼓 + 两纵坡一横 坡找平传感器 American Cummins engine + SYMC electronic control system + milling drum standard space + two longitudinal gradient leveling sensors and one cross gradient leveling sensor	2.0m 铣刨鼓 2.0m milling drum	2.0m 精铣刨鼓(一线二齿) 2.0m fine milling drum (two teeth in a line)	选配 Optional
SCM2200C-8		2.2m 铣刨鼓 2.2m milling drum	2.2m 精铣刨鼓(一线二齿) 2.2m fine milling drum (two teeth in a line)	选配 Optional







LEAN MANUFACTURING 精益制造

路机人挥洒汗水,精益求精 不断刷新中国制造的更高水平 更多的"第一"背后 是路机人改写中国制造至中国创造的实干之心

Personnel in the Company make every efforts to constantly strive for perfection and continuously achieve a higher Chinese manufacturing level;

Behind various reputable "No.1" achievements is their ambition to realize Chinese creation from Chinese manufacturing.













精心设计、优化布局、技术革新、注重品控,实现路机产品全面流水化制造生产管理信息化(MES 系统)、全自动焊接机器人、AGV 小车、自动化立体仓库……不断开展自动化、智能化的创新研究,"新工艺、新设备、新材料"的广泛应用,极尽苛刻的质量品控,使得每一件路机产品至臻完美,面对各种复杂作业环境尽显卓越性能

三一人执着地闯出一条崭新的科技发展之路,为中国工程机械行业树立了全新的标杆

With meticulous design, optimal layout, technical innovation and emphasis on quality, the product can realize the full automatic manufacturing process of road machinery.

Production management information (MES system), full automatic welding robot, AGV trolley and automatic 3D warehouse

With a strong focus on the innovation research of automation and intelligence constantly, the Company has applied "new technology, new equipment and new materials" widely and is always strictly on product quality to make all the road machine products perfect. The machines can show their superior performance under all different complicated operating environments.

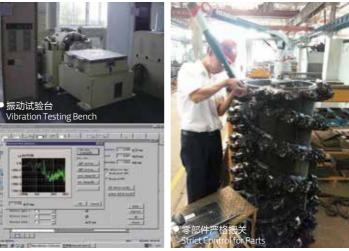
All the staffs in Sany are brave to make scientific development, setting a typical example for Chinese engineering machinery industry.



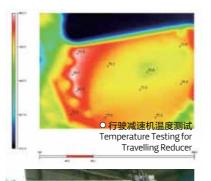
QUALITY ASSURANCE 品质保证

















研发试验体系

为打造一个国际领先的路面机械研发平台,三一路机依托工程 机械远程监控服务与故障诊断实验室、液压实验室、机电液控与仿真实验室、柴油机实验室、设备疲劳 (寿命)实验室、焊接实验室、强度(应力)实验室、耐磨材料实验室、汽车底 盘全自动检测线等 9 大试验检测中心及 58 个企业级实验室, 形成跨体系跨部门产品开发流程;

通过"试验基础设施、新产品开发试验、客户体验平台、工况模拟数据库"建设,建立了整车试验、零部件试验和仿真试验 三级试验体系,目前已具备沥青站、摊铺机、平地机、压路机、 铣刨机的开发及相关核心技术的研究、试验能力,全面提升研发核心竞争力。

R & D AND TEST SYSTEM

In order to create a world leading R & D platform for road machinery, Sany Road Machinery Co., Ltd. has formed a multi-system-and-department product development process in virtue of its 9 test and inspection centers such as remote monitoring service and fault diagnosis lab for engineering machinery, hydraulic lab, electromechanical hydraulic control and simulation lab, diesel lab, equipment fatigue (service life) lab, welding lab, strength (stress) lab, wearing resistant materials lab, auto chassis full automatic detection line and 58 enterprise labs.

By constructing "test infrastructure, new product development test, customer experience platform and working condition simulation database", Sany has established a 3-level system including whole vehicle test, parts test and simulation test; it has owned the development and relevant core technology research and test capacity of asphalt batching plant, paver, grader, road roller and milling machine.



CASES 施工案例



地点: 山西省忻州市 时间: 2019年7月

项目: 五台山到忻州段道路返修

工况: 施工长度 2 公里

Location: Shanxi Province, xinzhou Time: July. 2019.

Project: Road Repair from Wutaishan to Xinzhou Working Condition: Construction Length 2 km



地点:云南玉溪 时间: 2018年1月 项目: 320 国道施工 工况: 5公分沥青铣刨

Location: Yuxi, Yunnan province Time: Jan. 2018.

Project: Construction of 320# national road Working Condition: Milling 5cm asphalt



地点: 陕西

时间: 2018年1月 项目: 西汉高速施工 工况: 3公分沥青铣刨

Location: Shanxi Pronvice Time: Jan. 2018.

Project: Construction of Xihan Highway Working Condition: Milling 3cm asphalt

地点:河南省驻马店泌阳县 时间: 2017年12月 项目:砂石料采集 工况: 330mm 铣刨

Location: Biyang County, Zhumadian City, Henan Province

Time: Dec. 2017

Project: Collection of sand aggregate. Working Condition: 330mm milling



地点: 北京市 时间: 2013年6月 项目: 小区道路改造 工况: 沥青铣刨 50mm

Place: Beijing City Time: June, 2013

Project: Road Reconstruction in a housing estate Working duty: 50-mm asphalt pavement milling



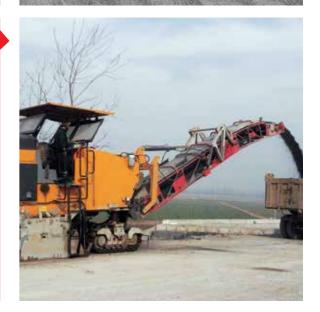
地点:河北省保定市徐水县 时间: 2013年12月

项目: 京港澳高速京石段拓宽工程 工况: 沥青铣刨 160-180mm

Place: Xushui County, Baoding City, Hebei Province Time: December, 2013

Project: Broadening of Beijing-Shijiazhuang Section on G4 Highway

Working duty: 160~180-mm asphalt pavement milling





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三一路机"123"价值服务承诺

Road Machinery Product "123" Value Service Commitment



购买三一路机设备免费赠送人工服务费

· 路机产品按《操作保养手册》保养节点且使用三一纯正配件,免收人工服务费。



黑色路面产品关重部件保修期为 2 年或 2000 小时 (先到为准)

◆ 产品范围: 摊铺机、双钢轮压路机、轮胎压路机、沥青搅拌站。



补偿一

◆ 产品质量问题引起停机故障 48 小时内未修复,优先提供备用机、无法提供备用机的按标准补偿;

补偿二

◆ 购买常用件 24 小时内未发货按标准补偿;

补偿三

◆ 压路机、平地机常用件高于市场价、按差价的 2 倍补偿。

以上条款的最终解释权归三一重工所有

售后服务热线 After-sale services hotline 4008 87 8318

咨询投诉电话 Consulting and complaint telephone 4008 87 9318



Clients who purchased SANY Road Machinery Equipments will be free of labor service fee

◆ Road machinery products shall be free of labor maintenance fee in accordance with the requirements of the Operation and Maintenance Manual for maintenance time nodes and using SANY certified accessories.

The warranty period for key parts of black Road Machinery Product is 2 years or 2,000 hours (whichever ends first)

◆ Product scope: Paver, Double Steel Roller, Tyre Roller, Asphalt Batching Plant.

Compensation I

◆ If the machine failure caused by product quality problems has not been repaired within 48 hours, clients should be provided the standby machine priority, and the situation where the standby machine cannot be used should be compensated according to the compensation standard.

Compensation II

• Clients will be compensated for non-delivery of common parts within 24 hours after purchase according to the compensation standard;

Compensation III

♦ If the price of common parts of Road Roller and Grader is higher than market price, clients will be compensated by 2 times the price difference.











