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徐工集团

徐工徐工 助您成功
XCMG FOR YOUR SUCCESS

XM系列路面铣刨机

XM SERIES COLD MILLING MACHINE

 **徐工集团工程机械股份有限公司道路机械事业部**
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XM 系列路面铣刨机 XM SERIES COLD MILLING MACHINE

XM35/XM50E/XM50/XM100E/XM101
XM101E/XM101K/XM120F/XM130K
XM200/XM200E/XM200K

XM 系列路面铣刨机是沥青混凝土路面养护施工的主要设备之一，主要用于公路、城镇道路、机场、货场等沥青混凝土面层的开挖翻新，也可以用于清除路面拥包、油浪、网纹、车辙等缺陷，还可以用来开挖路面坑槽，以及水泥路面的拉毛及面层错台的铣平。

本公司路面铣刨机性能先进，工作效率高，施工工艺简单，铣刨深度易于控制，操作方便灵活，机动性能好，铣刨的旧料能直接回收利用，是路面机械化养护的理想设备。

XM series milling machine is one of the main asphalt concrete road pavement maintenance equipment, mainly use for large-scale highways, urban roads, airports, freight yard, and etc for renovation of asphalt payment. Onetime removal of entire concrete overlay. It can also be used for cleaning protuberance, oil layers, reticulations and vehicle tracks as well as road trench, tunnel excavation, cement road surface roughening and dislocation smoothness.

The equipment features advanced performance, high efficiency, simple process, easy control of milling depth, flexible operation, good maneuverability and the old material recycling and utilization. It is the ideal equipment for pavement maintenance and renovation.



主要技术参数 MAIN TECHNICAL PARAMETERS

型号 Model		XM35	XM50E	XM50	XM100E	
发动机 Engine	厂家	玉柴	玉柴	东风康明斯	上柴	
	发动机型号 Engine model	YC4D80-T21	YC4D95Z-T21	4BTA3.9-C110	SC8D170G2B1	
	额定功率/转速 Rated power/speed	kw/rpm	56/ 2200	70/ 2200	82/ 2200	125/ 2200
性能参数 Performance parameters	工作速度 Operating speed	m/min	0-25	0-38	0-30	0-13
	行驶速度 Travel speed	km/h	0-6	0-6	0-6	0-13
	爬坡能力 Gradeability	%	20	50	60	20
工作参数 Operating parameters	距地间隙 Ground clearance	mm	≤80	≤100	≤120	≤120
	工作重量 Operating weight	kg	4350	4800	7000	13500
	最大铣刨宽度 Max. milling width	mm	350	500/350	500	1020
外形尺寸 Dimensions	最大铣刨深度 Max. milling depth	mm	60	100	120	120
	刀具数量 Number of tools		38	44	44	84
	铣刨轮直径 Milling drum diameter	mm	460	580	660	660
箱体容量 Volume	机械(长X宽X高) Complete machine (L x W x H)	mm	2820X1225X2050	2880X1435X2050	3470X1895X3070	4371X2294X3130
	皮带机(长X宽X高)	mm				
	燃油箱 Fuel tank	L	90	90	140	210
行走形式 Travel mode	液压力箱 Hydraulic oil tank	L	70	70	120	160
	水箱 Water tank	L	220	220	300	360
		轮胎Tire	轮胎Tire	轮胎Tire	轮胎Tire	

型号 Model		XM101	XM101E	XM101K	XM120F	
发动机 Engine	厂家	上柴	上柴	上柴	进口康明斯	
	发动机型号 Engine model	SC8D170G2B1	SC8D190G2B1	SC8D220G2B1	QSC8.3	
	额定功率/转速 Rated power/speed	kw/rpm	125/ 2200	140/ 2200	162/ 2200	209/ 2100
性能参数 Performance parameters	工作速度 Operating speed	m/min	0-13	0-21	0-30	0-32
	行驶速度 Travel speed	km/h	0-13	0-13	0-7	0-5
	爬坡能力 Gradeability	%	20	20	60	80
工作参数 Operating parameters	距地间隙 Ground clearance	mm	≤120	≤120	≤200	≤300
	工作重量 Operating weight	kg	14500	15000	17500	21500
	最大铣刨宽度 Max. milling width	mm	1020	1020	1020	1200
外形尺寸 Dimensions	最大铣刨深度 Max. milling depth	mm	120	160	300	320
	刀具数量 Number of tools		84	84	84	117
	铣刨轮直径 Milling drum diameter	mm	660	660	930	980
箱体容量 Volume	机械(长X宽X高) Complete machine (L x W x H)	mm	4371X2294X3130	4680X2294X3130	4815X2560X3730	5900X2140X3000
	皮带机(长X宽X高)	mm	6428X700X610	7170X840X960	7168X720X830	8200X1200X1500
	燃油箱 Fuel tank	L	210	350	380	660
行走形式 Travel mode	液压力箱 Hydraulic oil tank	L	160	130	160	120
	水箱 Water tank	L	360	560	680	1400
		轮胎Tire	轮胎Tire	轮胎Tire	履带 Track	

型号 Model		XM130K	XM200E	XM200	XM200K	
发动机 Engine	厂家	东风康明斯	潍柴发动机	进口康明斯	进口康明斯	
	发动机型号 Engine model	6CTA8.3-C260	DHP12	QSX15	QSX15III	
	额定功率/转速 Rated power/speed	kw/rpm	194/ 2100	353/ 2100	447/ 2100	447/ 2100
性能参数 Performance parameters	工作速度 Operating speed	m/min	0-30	0-34	0-30	0-30
	行驶速度 Travel speed	km/h	0-7	0-4.5	0-4.5	0-4.5
	爬坡能力 Gradeability	%	50	80	80	80
工作参数 Operating parameters	距地间隙 Ground clearance	mm	≤200	≤320	≤320	≤320
	工作重量 Operating weight	kg	20000	28500	32500	32500
	最大铣刨宽度 Max. milling width	mm	1320	2000	2000	2000
外形尺寸 Dimensions	最大铣刨深度 Max. milling depth	mm	315	300	320	320
	刀具数量 Number of tools		112	162	168	168
	铣刨轮直径 Milling drum diameter	mm	980	980	980	980
箱体容量 Volume	机械(长X宽X高) Complete machine (L x W x H)	mm	5255X2480X3245	6750X2500X2900	7130X2500X3000	7530X2500X3000
	皮带机(长X宽X高)	mm	7020X1030X900	8000X1150X900	8000X1150X900	8000X1150X900
	燃油箱 Fuel tank	L	280	800	1300	1300
行走形式 Travel mode	液压力箱 Hydraulic oil tank	L	160	350	400	360
	水箱 Water tank	L	780	2100	3400	3400
		轮胎Tire	履带 Track	履带 Track	履带 Track	



性能特点 Performance and characteristics

- 液压驱动铣刨转子，具有铣刨平稳、可靠性高的特点。
- 三轮行走系统，前轮单驱，无级变速，并具有高低档，以满足快速转移和慢速铣刨作业的要求。
- 单前轮转向，转弯半径小，可沿窨井盖铣刨。
- 高强度，高耐磨进口刀头、刀座，工作寿命长，施工成本低。
- 进口液压件、减速机，工作可靠性高。
- 优良的贴边铣刨性能，右后腿可快速摆至机架内，使铣刨轮贴近路缘石或墙壁进行铣刨作业。
- 可选配：手持式液压破碎镐。
- Hydraulically-driven milling rotor features stable and efficient milling.
- Three-wheel drive system, single-wheel single drive, stepless speed variation. It has high and low speed gear to meet quick and slow milling operation requirement.
- If one wheel is used for turning, the turning radius is low so that it is possible to mill along the mine.
- The blade and blade holder manufactured by foreign manufacturer feature high strength, high abrasion proof performance, long service life and low construction cost.
- Imported hydraulic components feature high reliability of operation.
- Excellent edge sticking milling performance. Right rear may quick swing to the machine bracket to make the milling wheel close to the curb and wall for milling operation.
- Optional: handheld hydraulic breaker.

XM50/50E

路面铣刨机
Cold Milling Machine



性能特点 Performance and characteristics

- 液压驱动铣刨转子，具有铣刨平稳、可靠性高的特点。
- XM50采用三轮全驱系统；XM50E采用三轮行走系统，标配前轮单驱，选配三轮全驱。
- 液压擦速锁可保证适应不良路况，无级变速，并具有高、低档以满足快速施工和慢速铣刨作业的要求。
- 单前轮转向，转弯半径小，可沿窨井盖铣刨。
- 高强度，高耐磨进口刀头、刀座，工作寿命长，施工成本低。
- 进口液压件、减速机，工作可靠性高。
- 优良的贴边铣刨性能，右后腿可快速摆至机架内，使铣刨轮贴近路缘石或墙壁进行铣刨作业。
- 可选配：XM50手持式液压破碎镐、隆声带铣刨装置；XM50E刻选配手持式液压破碎镐、精铣刨鼓、350mm铣刨鼓。
- Hydraulically-driven milling rotor features stable and efficient milling.
- XM50 is equipped with three-wheel drive system; XM50E is equipped with three-wheel travel system and has standard configuration front wheel drive system and optional configuration- three-wheel drive system.
- Hydraulic differential lock may ensure a great adaptability to tough road condition and realize stepless speed variation. It has high and low speed gear to meet quick and slow milling operation requirement.
- If one wheel is used for turning, the turning radius is low so that it is possible to mill along the mine.
- The blade and blade holder manufactured by foreign manufacturer feature high strength, high abrasion proof performance, long service life and low construction cost.
- Imported hydraulic components feature high reliability of operation.
- Excellent edge sticking milling performance. Right rear may quick swing to the machine bracket to make the milling wheel close to the curb and wall for milling operation.
- Optional: handheld hydraulic breaker and rumble strip equipment for XM50; handheld hydraulic breaker, fine milling drum and 350mm milling drum for XM50E.

XM100E/101/101E

路面铣刨机
Cold Milling Machine



性能特点 Performance and characteristics

- 机械驱动铣刨转子具有铣刨平稳，效率高的特点。
- 机械液压混合驱动行走系统，具有2档速度，可适应不同工况要求，提高工作效率。
- 高强度，高耐磨进口刀头、刀座，工作寿命长，施工成本低。
- 进口液压元件，工作可靠性高。
- 优良的贴边铣刨性能，右后腿可快速摆至机架内，使铣刨轮贴近路缘石或墙壁进行铣刨作业。
- XM101E标配行车制动器，可实现行车制动。
- Mechanically-driven milling rotor features stable and efficient milling.
- The mechanically hydraulic hybrid drive travel system has two-gear speed which can be suitable for different working conditions and increase working efficiency.
- The blade and blade holder manufactured by foreign manufacturer feature high strength, high abrasion proof performance, long service life and low construction cost.
- Imported hydraulic components feature high reliability of operation.
- Excellent edge sticking milling performance. Right rear may quick swing to the machine bracket to make the milling wheel close to the curb and wall for milling operation.
- XM101E has standard configuration service brake which may realize drive brake function.

XM120F

路面铣刨机
Cold Milling Machine



性能特点 Performance and characteristics

- 高强度皮带驱动铣刨转子，使用可靠，工作效率高。
- 四履带行走驱动系统，牵引能力强；四种转向模式，机动灵活。
- 全自动功率调节系统，可实现铣刨功率和驱动功率之间的自动分配。
- 先进的铣刨深度自动控制系统，操作方便，使用可靠。
- 原装进口电控发动机，排放满足欧洲Ⅲ标准，工作可靠，节能环保。
- 两级前轮熟料系统，确保平稳、不间断的输送大量铣刨材料。
- 智能控制系统可实现整机在工作模式和行走模式下的在线显示、故障诊断、故障报警、维修保养提示等先进功能。
- The milling rotor is driven by high strength belt to provide reliable and efficient operation.
- Four-track travel drive system features strong traction power and four steering modes and great maneuverability.
- The machine features full automatic power adjustment, and automatic power distribution between the milling power and driving power.
- The machine is equipped with advanced milling depth automatic control system to provide easy and reliable operation.
- The machine is equipped with original imported electrically-controlled engine, meeting Euro III standard and featuring reliable operation, less energy consumption and environment protection.
- The machine is equipped with dual-stage front wheel treated material system to ensure stable, large and continuous supply of milling materials.
- Intelligent control system can realize advanced functions under work mode and travel mode, such as online display, fault diagnosis, fault alarm, repair and maintenance.

XM101K/130K

路面铣刨机
Cold Milling Machine



性能特点 Performance and characteristics

- 铣刨转子通过带自动张紧装置的两条四联组皮带驱动。
- 行走系统为四轮全液压驱动，差速锁使其即使在较滑路面也能获得均匀的驱动力。
- 具有功率自动调节功能，可实现铣刨功率和驱动功率之间的自动分配。
- 制动系统：通过液压系统的反拖来实现行车制动，多盘碟式制动器装在后轮减速机上实现驻车制动。
- 自动深度控制（选装）：使用接触式或非接触式传感器进行检测，铣刨深度数字显示。
- The milling rotor is driven by two four-link belts with automatic tensioning devices.
- The travel system is driven by the four-wheel fully hydraulic device. The differential lock makes it possible to obtain uniform driving force even on the rather wet road surface.
- The machine features full automatic power adjustment, and automatic power distribution between the milling power and driving power.
- The brake system realizes the driving brake by the reversed dragging of the hydraulic system. The multi-disk brake is mounted on the rear wheel reducer to function as the parking brake.
- The automatic depth control (optional) adopts the contact-type or non-contact-type sensor for detection. Milling depth is displayed in digital.

XM200E

路面铣刨机
Cold Milling Machine



性能特点 Performance and characteristics

- 高强度皮带驱动铣刨转子，使用可靠，工作效率高。
- 四履带行走驱动系统，牵引能力强；四种转向模式，机动灵活。
- 全自动功率调节系统，可实现铣刨功率和驱动功率之间的自动分配。
- 先进的铣刨深度自动控制系统，操作方便，使用可靠。
- 电控发动机符合国Ⅲ排放标准，工作可靠，燃油经济性好。
- 所有液压及传动元件均采用国际知名品牌，性能先进，使用可靠。
- High strength milling rotor drive by belt, reliable and high efficiency.
- Four tracks driving system, power traction, four kinds of steering modes, flexible to travel.
- Full automatic power adjusting system, realizing the automatic power distribution between the milling power and driving power.
- Advanced automatic control system of milling depth, easy operation and reliable.
- Electrical control engine Nation III emission standard, reliable and economical efficiency of fuel consumption.
- All hydraulic components and transmission parts adopts international well-known brands, advanced performance and reliable operation.

XM200/200K

路面铣刨机
Cold Milling Machine



性能特点 Performance and characteristics

- 高强度皮带驱动铣刨转子，使用可靠，工作效率高。
- 四履带行走驱动系统，牵引能力强；四种转向模式，机动灵活。
- 全自动功率调节系统，可实现铣刨功率和驱动功率之间的自动分配。
- 先进的铣刨深度自动控制系统，操作方便，使用可靠。
- 原装进口电控发动机，XM200排放符合美国和欧洲Ⅱ标准，XM200K排放符合美国和欧洲Ⅲ标准，工作可靠，燃油经济好。
- 所有液压及传动元件均采用国际知名品牌，性能先进，使用可靠。
- 智能控制系统可实现整机在工作模式和行走模式下的在线显示、故障诊断、故障报警、维修保养提示等先进功能。
- The milling rotor is driven by high strength belt to provide reliable and efficient operation.
- Four-track travel drive system features strong traction power and four steering modes and great maneuverability.
- The machine features full automatic power adjustment, and automatic power distribution between the milling power and driving power.
- The machine is equipped with advanced milling depth automatic control system to provide easy and reliable operation.
- The machine is equipped with original imported electrically-controlled engine. XM200 accords with US and Euro II emission standards, and XM200K accords with US and Euro III emission standards.
- All hydraulic components and transmission parts, manufactured by internationally famous brand holders, feature advanced performance and reliable operation.
- Intelligent control system can realize advanced functions under work mode and travel mode, such as online display, fault diagnosis, fault alarm, repair and maintenance.

工程案例 Construction cases



广州高速施工



城镇道路施工



成都施工



天津高速施工



杭州绕城高速施工



北京道路施工



内蒙古巴彦浩特施工

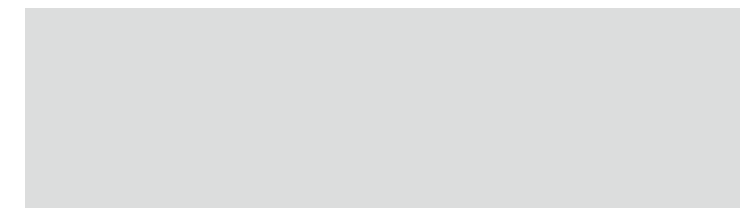
工程案例 Construction cases



昆山经济开发区施工



北京翻新道路



成都市政养护



河南省道养护



石家庄高速施工



昆山经济开发区XM200铣刨机施工