

MM430-750/3	6SE6430-2UD27-5CA0	7.5	10	16	19	C
MM430-1100/3	6SE6430-2UD31-1CA0	11	15	22.5	26	C
MM430-1500/3	6SE6430-2UD31-5CA0	15	20	30.5	32	C
MM430-1850/3	6SE6430-2UD31-8DB0	18.5	25	37.2	38	D
MM430-2200/3	6SE6430-2UD32-2DB0	22	30	43.3	45	D
MM430-3000/3	6SE6430-2UD33-0DB0	30	40	59.3	62	D
MM430-3700/3	6SE6430-2UD33-7EB0	37	50	71.7	75	E
MM430-4500/3	6SE6430-2UD34-5EB0	45	60	86.6	90	E
MM430-5500/3	6SE6430-2UD35-5FB0	55	75	103.6	110	F
MM430-7500/3	6SE6430-2UD37-5FB0	75	100	138.5	145	F
MM430-9000/3	6SE6430-2UD38-8FB0	90	120	168.5	178	F
MM430-110K/3	6SE6430-2UD41-1FB0	110	150	204.5	205	FX
MM430-132K/3	6SE6430-2UD41-3FB0	132	200	244.5	250	FX
MM430-160K/3	6SE6430-2UD41-6GB0	160	250	296.4	302	GX
MM430-200K/3	6SE6430-2UD42-0GB0	200	300	354	370	GX
MM430-250K/3	6SE6430-2UD42-5GB0	250	350	442	477	GX
	6SE6400-0BE00-0AA0	BOP-2				
	6SE6400-1PB00-0AA0	PROFIBUS模板				
	6SE6400-0PM00-0AA0	柜门安装组合件				
	6SE6400-1DN00-0AA0	DeviceNet模板				
	6SE6400-1CB00-0AA0	CANopen模板				
	6GK1500-0FC10	RS485/RPOFIBUS总线电缆插接器				
	6SE6400-1PC00-0AA0	PC至变频器的连接组合件				

述Benefits to the power of three – outstanding productivity, all-encompassing safety technology and optimized energy efficiency

The more flexible, speedy and precise they are, the greater the competitive edge they deliver: Storage and retrieval machines are a core component of conveyor, logistics and stock movement systems. They offer enormous potential for saving time and money. Furthermore, they play a substantial role in reducing energy consumption. Operator protection is another core issue – the relevant requirements for storage and retrieval machines are clearly defined in the C standard EN 528. As a complete provider of components and systems, Siemens can supply the solutions to all these challenges.

Throughput increased by up to 15 %

Siemens has developed the right solutions for raising the performance of storage and retrieval machines. These are designed to maximize acceleration potential while minimizing wear. They also use sway control to reduce mast vibrations, helping to deliver material savings.

Performance boost thanks to intelligent all-wheel drive

With two powered wheels on the chassis, the drive torque can be distributed in such a way as to maximize acceleration and prevent the drive wheels from spinning. Siemens can supply a specially developed application that allows the drive torque to be statically and dynamically distributed between both drive wheels.

Integral sway control in drive increases throughput

Fast acceleration rates inevitably lead to mast vibration. With the assistance of the SINAMICS technology extension VIBX (Vibration Extinction), this vibration can be prevented without restricting the dynamic performance of the machine. With VIBX, the acceleration/deceleration of the travel axes is unable to excite the natural frequency of the storage and retrieval machine. The frequency can be adapted as a function of the cargo load and the position of the load handling device while the machine is in operation. There is no need to install a sensor to detect mast vibration. The sway control function is proven to shorten the time that it takes a mast to reach a sufficiently still position to allow load handling devices to move into a rack, pick up goods and move out again so that the storage and retrieval machine can travel to the handover station. This boosts throughput by up to 10 % and also increases warehouse capacity. Thanks to the reduction in wear and tear on the machine, less expensive materials can be used in the machine construction. Energy consumption can be reduced as a result of the lower masses

By combining sway control (VIBX) with an intelligent all-wheel drive, it is possible to boost performance by up to 15 %.