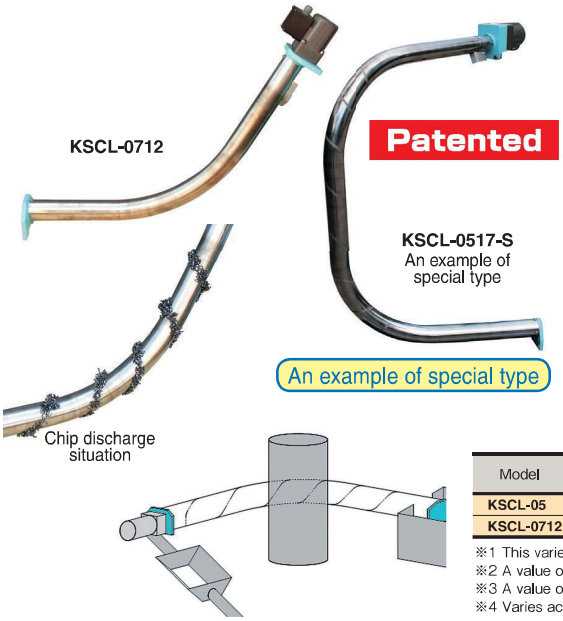
CHIP & SLUDGE CONVEYANCE EQUIPMENT

Model KSCL Magnetic Transfer Unit "TRANSFERLESS CONVEYOR" (CREEPER MAG)



Flexible chip transfer! Lean layout to keep work environment neat! Shapes that fit installation space!

[Application]

This model is suitable for places where the linear type KSC is difficult to install.

[Features]

- The bending shape has been realized by a special construction to allow setting of the bending direction and angle according to installation conditions.
- This model can be installed in a very small space such as inside a machine.
- The layout where two linear type units are used to circumvent the existing facilities can be replaced by one unit.
- Special treatment of the pipe surface ensures reliable transfer. (Model KSCL-05)

Precaution for use

If you want to use the main unit immersed in liquid, please consult with us.

[mm(in)]

Model	Max. Length	Applicable Pipe Dia.	Min. Bending Radius	Max. No. of Bending Times	Processing Capacity	Power Source	Motor ※4	Mass
KSCL-05	Max. 4m	50(1.96)	250(9.84)	2 times ※1	18kg/h ※2	3-phase 200/220 VAC 50/60Hz	25W	12kg/26.4 lb
KSCL-0712	Max. 3m	76.3(3.00)	500(19.6)		25kg/h ※3		40W	25kg/55.1 lb

※1 This varies according to shapes. Please contact us in advance.
※2 A value obtained with SS400 chips using the KSCL-0517-S spec.
※3 A value obtained with SS400 chips using the KSCL-0712 spec.
※4 Varies according to specifications such as length.

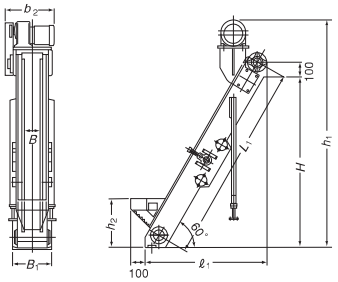
Model MCO MAGNETIC CHIP CONVEYOR

[Application]

This model is designed to effectively attract, convey and remove chips produced from machine tools by a magnetic force while letting oil sticking to chips drop naturally. (This model is suitable for chips shorter than 60 mm.)

[Features]

- As chips are held by magnets, they can be conveyed on a sharp inclination. This feature enables it to shorten the line and reduce the floor area, thus contributing to effective three-dimensional utilization of factory space.
- Fine chips can be attracted and oil can be removed efficiently.
- The optimum design by use of high-performance permanent magnets and little attenuation of the magnetic force. Simplified mechanism for trouble-free operation.



[mm(in)]

Model	Conveying Speed	Power Source	Motor	Dimensions B	L	H	B1	b2	ℓ1	h1	h2	Mass
MCO-1515A	Approx. 8/9.5 m/min (50/60Hz)	3-phase 200VAC	400W	150 (5.90)	1500 (59.0)	1270 (50.0)	284 (11.1)	375 (14.7)	925(36.4)	1620 (63.7)	350 (13.7)	140kg/308 lb
MCO-1520A					2000 (78.7)	1700 (66.9)			1180(46.4)	2060 (81.0)		155kg/341 lb
MCO-1530A					3000(118.1)	2570(101.2)			1675(65.9)	2905(114.4)		190kg/418 lb
MCO-2015A				200 (7.87)	1500 (59.0)	1270 (50.0)	334 (13.1)	425 (16.7)	925(36.4)	1620 (63.7)		150kg/330 lb
MCO-2020A					2000 (78.7)	1700 (66.9)			1180(46.4)	2060 (81.0)		175kg/385 lb
MCO-2030A					3000(118.1)	2570(101.2)			1675(65.9)	2905(114.4)		210kg/463 lb
MCO-2515A				260 (10.2)	1500 (59.0)	1270 (50.0)	394 (15.5)	475 (18.7)	925(36.4)	1620 (63.7)		160kg/352 lb
MCO-2520A					2000 (78.7)	1700 (66.9)			1180(46.4)	2060 (81.0)		190kg/418 lb
MCO-2530A					3000(118.1)	2570(101.2)			1675(65.9)	2905(114.4)		230kg/507 lb

Model MCOL MAGNETIC CHIP CONVEYOR

Powerful type is added to the series. For special sizes, please contact us.

[Application]

This model is installed in front of a tank to which cutting fluid flows from a machine tool to attract (pick up) chips by a magnetic force in cutting fluid to remove and convey them. (This model is suitable for chips shorter than 60 mm.)

[Features]

- A model that plays two roles of horizontal conveyor and inclined conveyor by one unit.
- Can be installed directly on an oil tank or machine tool.

MCOL-2515A

[mm(in)]

Model	Conveying Speed	Power Source	Motor	Dimensions B	L	H	B1	b2	ℓ1	h1	h2	Mass
MCOL-1510A	Approx. 8/9.5m/min (50/60Hz)	3-phase 200 VAC	400W	150 (5.90)	1000(39.7)	1000 (39.7)	284 (11.1)	375 (14.7)	1600(62.9)	1390 (54.7)	275 (10.8)	160kg/352 lb
MCOL-1515A					1500(59.0)				2100(82.6)			190kg/418 lb
MCOL-2010A				200 (7.87)	1000(39.7)		334 (13.1)	425 (16.7)	1600(62.9)			175kg/385 lb
MCOL-2015A					1500(59.0)				2100(82.6)			220kg/485 lb
MCOL-2510A				260 (10.2)	1000(39.7)		394 (15.5)	475 (18.7)	1600(62.9)			200kg/440 lb
MCOL-2515A					1500(59.0)				2100(82.6)			250kg/551 lb
MCOL-H2010A	Approx. 10/12 m/min (50/60Hz)			200 (7.87)	1000(39.7)	1050 (41.3)	348 (13.7)	473 (18.6)	1664(65.5)	1565 (61.6)	283 (11.1)	180kg/396 lb
MCOL-H2015A					1500(59.0)				2164(85.1)			225kg/496 lb