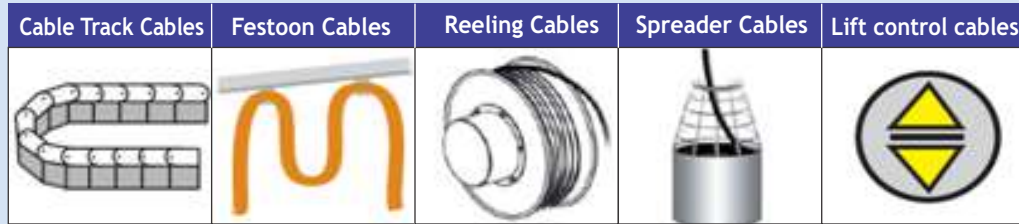


Flexible and Moving Cables-SAB Gmbh



SAB Gmbh Product Range



Special Cables

- Halogen-free Cables (Sabix)
- Drag Chain Cables
- Control, connection and Servo Motor Cables
- ETFE, FEP and PFA Cables
- Bus/Communication/ Data Cables
- Festoon/Reeling/Life Cables
- Silicon (Besilen)/ High temperature Cables
- Compensating and Extension Cables

Torsion Duty/Robor Cables

- Suitable for high mechanical and torsional stresses
- PUR Torsion duty cable with Torsion angle up to +/- 450 Degree per 0.5 Meter.



Servo Motor & Encoder Cable

- Servo motor & encoder cable for Siemens/Fanuc/ Indramat & Allen bradley drives
- Helix/Spiral Cables
- Customized Harnessed Cable



Our Major Clients :



Himmel

HIMMEL MACHINE TOOLS

Regd. Office: No.170, Chikkathoguru Main Road
Behind Metropolis Apartment, Electronic City Post
Bengaluru - 560 100 | Tel: 080 42126480
Sales & Support: 7667171751 | 9940288673

Email: sabari@himmelmachinetools.in | himmelmachinetools@gmail.com

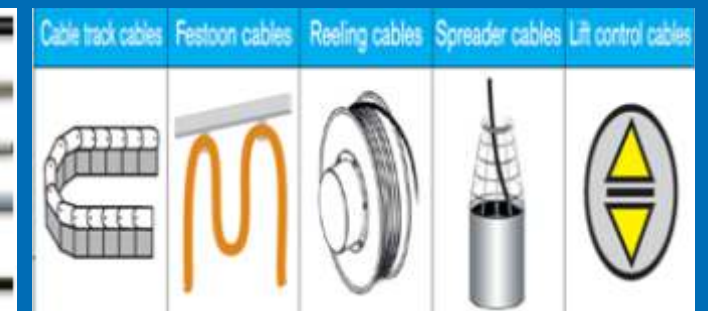
Factory Address: 305, 6th Main Road, Weavers Colony, Gottikere, B.G. Road, Bengaluru - 560 083

Locations : Pune | Chennai | Delhi | Coimbatore | Hyderabad

www.himmelmachinetools.in



Serving Your Industrial Needs



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HIMMEL MACHINE TOOLS

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About Us :



Himmel Machine Tools - India:

Himmel Machine Tools is an Indian company, headquartered in Bangalore with excellent sales and service network. It has made its mark in Indian market for the past 10 years by providing permanent marking and automatic identification solutions for the traceability of industrial components. Our Himmel marking machines add real value for our customers. This gives us a natural appeal to industries seeking superior quality marking. Our wide range of marking solutions, including **Laser Marking Machines, Dot Pin Marking Machines** and customized Marking solutions used for industrial metal & plastic parts markings are fast and durable. Our Marking solutions are relied on, every day, by thousands of industrial manufacturers throughout the India. Himmel Marking systems - whether standard or customized - are supported by an entire network of experienced and knowledgeable Marketing, R&D, and Service Professionals.



MODEL : HMM PH-01



MODEL : HMM PS-01



MODEL : HMM PD-01

Specification : Model : HMM PH-01

Standard Marking Area	150mm to 50mm
Base Support	Bed magnetic basement
Marking Speed	30mm-40mm/s
Impact Frequency	300 times/s
Repeated Accuracy	4.001mm
Marking Depth	0.1mm-2mm (depend on material)
Power Supply	AC 220V 50HZ Or Ac110V 60HZ
Air Power Request	0.2Mpa ~ 0.6Mpa
Humidity	0.90% (Non condensing)
Temperature	From 0-40 Centigrade Degree
Marking Content	English characters, number, all kind of graphic logo Barcode, serial Number circle number and etc.

Specification : Model HMM PS-01

Standard Marking Area	120mm to 80mm
Optional Marking Area	150mm to 130mm 200mm to 150mm 300mm to 200mm
Marking Speed	30-40mm/s
Impact Frequency	300 times/s
Repeated Accuracy	0.001mm
Marking Depth	0.1mm-2mm depend on material
Power Supply	AC 100V -240V 50HZ /60HZ
Air Power request	0.2Mpa-0.6Mpa
Humidity	0.90% (non condensing)
Temperature	From 0-40centigrade degree
Marking Content	English characters, number, all kind of graphic Barcode, serial Number circle number and etc.

Specification : Model HMM PD-01

Standard Marking Area	120mm to 80mm
Optional Marking Area	150mm to 130mm 200mm to 150mm 300mm to 200mm
Battery future	Clamp the part with in diameter 120 mm with in 5kg
Marking Speed	1-5mm/s
Impact Frequency	300 times/s
Repeated Accuracy	0.001mm
Marking Depth	0.1mm-2mm depend on material
Power Supply	AC 100V-240V 50HZ /60HZ
Air Power request	0.2Mpa-0.6Mpa
Humidity	0.90% (non condensing)
Temperature	From 0-40centigrade degree
Marking Content	English characters, number, all kind of graphic Barcode, serial Number circle number and etc.

Fibre Laser Marking Machine :



Specification :

Laser Type	Fiber Laser
Power output	30W
Optional Power	10W / 15W / 20W
Marking Area	100mm to 100mm
Optional Marking Area	175mm x 175mm / 200mm x 200mm / 300mm x 300mm
Marking Speed	≤ 9000mm/s
Marking Depth	0.1mm-2mm depend on material
Wave Length	1064 ± 70nm
Repeated Accuracy	± 0.001mm
Frequency of pulse	20KHZ - 100KHZ
Marking Depth	≤ 0.4mm (depends on material)

Cable Drag Chain and Bellows:



We M/s Himmel Machine Tools authorized channel partner in India for the sales and services of whole products of M/s JIANGSU KRIUS MACHINE PARTSANP ACCESSORIES CO. LTD.,

Mainland China. All our products are well accepted by the customers because of its outstanding quality and very attractive prices. Their positive feedback is something that we can be proud of. Our valuable experience for the last decade in the field of this products makes us very confident in serving the customer with solution rather than just selling. I prefer to mention some of the references which helps you to get more confidence in our products and solutions.

Main features of Krius® drag chain which makes it well suitable for cranes (Gliding applications)

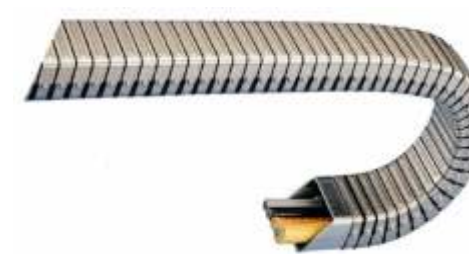
- **Material quality** - Krius® drag chains are made out of best composite polymer from the world leading company. Its self lubricating features and glass fiber content brings it wear level to the minimum.
- **Design and tensile strength** - Krius® drag chain links are design with special stop dogs and locking keys. This ensure the high tensile strength and strong bond between the links.
- **Increased side thickness** - Drag chain strength lies majorly on its side thickness. Krius® drag chains are designed with comparatively more side thickness.
- **Smooth surfaced metal channel** - For gliding applications, drag chain need to be guided through a metal channel, Krius® specially designed modular metal channels are free from any sort of burr or sharp edges. It ensures minimum wear on the links.

We provide the high quality products and services from our expertise. We would like to offer the same to your esteemed organization and bring your feedback as reference for the growth of our team and organization.

Inner Height (Hi)	Inner Width (Wi)	Bending Radius®	Unsupported	Gliding	Type
6mm-88mm	5mm-500mm	15mm-600mm	Up to 6 Metres	Above 6 Metres	Both Plastic and Metal Types



Conduflex DGT type and Mobiflex JR type totally enclosed steel Chains



Type - DGT	1	2	3	4	5	6	7
Inner Spec (mm)	25x45	38x73	45x90	52x102	60x120	60x150	72x162
Outer Appearance (mm)	39x62	53x91	61x108	70x122	81x144	81x184	93x186
Bending radius (mm)	60	100	120	140	160	165	185
Length for unupport (M)	1.5	2	2.2	2.5	2.7	2.9	3
Load weight (Kg)	3	4	5	8	10	14	20

Inside Diameter	Outside Diameter	C	D	E	F	G	H	I	L	J	K	N	P	S	X	T	O	R	Axial pulling force	Weight(kg/m)
22x32	27.5x36.7	20	35	38	18	25	22	10	23	45	20	40	75	60	55	38	5.5	60	35	1.3
25x50	31.5x54.5	30	55	58	30	35	25	10	33	60	25	50	90	75	60	45	5.5	90	40	1.75
35x60	40.1x64.4	40	65	69	40	45	25	10	44	70	30	50	100	80	70	52	5.5	100	50	2.1
38x73	43.7x77.8	43	78	82	50	55	35	10	47	75	35	50	105	85	82	62	6.5	110	60	2.36
40x80	45.4x84.7	45	85	89	50	65	50	15	49	90	40	55	120	100	90	68	8.5	120	70	2.5
52x102	57.5x107.8	57	107	113	65	80	50	15	63	105	45	60	140	120	100	80	8.5	140	75	2.85
60x120	67.5x127.7	68	128	131	90	90	80	20	71	135	45	70	170	146	110	84	9	180	80	3.15
60x130	65.1x134.4	68	138	141	95	100	90	20	71	140	50	75	180	150	120	90	9	180	80	3.25
72x162	78.4x168.2	86	180	184	120	120	100	20	82	150	60	80	210	180	130	100	9	210	80	4.5

