

iSAND COBOT PNEU & iSAND COBOT ELEC

iSand Cobots by Flex Trim are versatile sanding solutions which can be integrated and mounted on any kind of cobot or robot. The iSand Cobot solution includes hardware, and in most cases software. iSand Cobot comes with both a pneumatic solution and an electrical version.

The iSand Cobots are separate tools, so it works together with any cobot, and are individually controlled.

The iSand Cobot can be mounted with both a traditional sanding drum and a sanding disc, depending on the application. If you are working with the SnapLock version, the cobot or robot can be programmed to change automatically from one sanding solution to another.

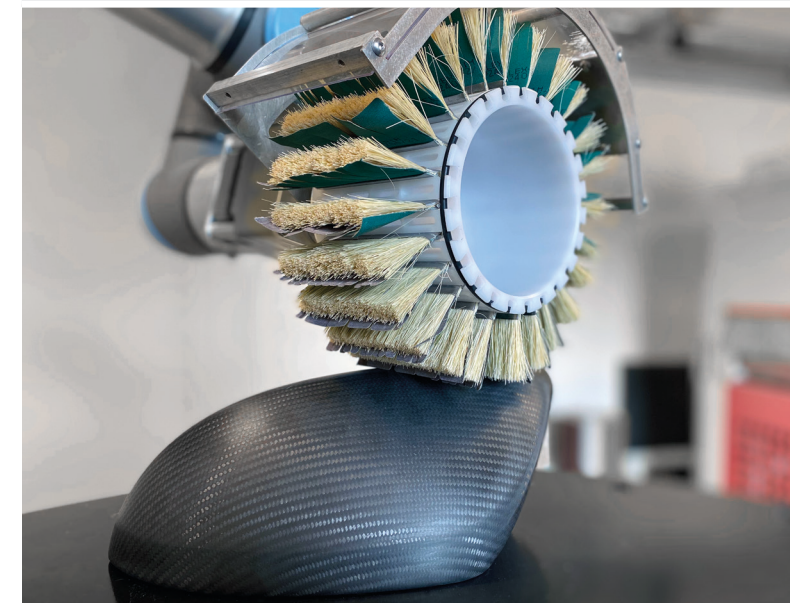
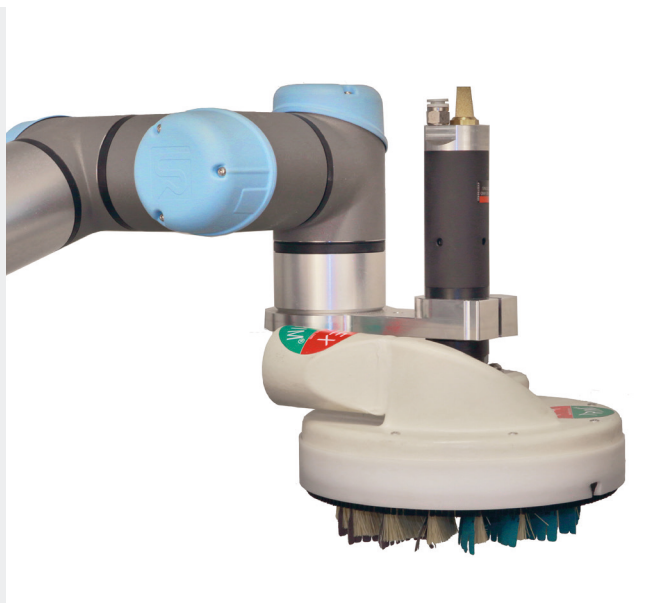
Together with Flex Trim's sanding system you can work on all surfaces such as composite, metal, plastic, wood etc.

By using a swap-out routine, you will even be able to get your sanding certified.

Both iSand Cobots are end of arm tools which will make sanding faster, more flexible, and less expensive. The sanding brushes adapt to all surfaces no matter if it is a curved and profiled surface, or if it is a flat item. Low RPM means longer lifetime of the sanding tools.

Technical specifications:

	iSAND COBOT PNEU	iSAND COBOT ELEC
Power:	Pneumatic 6-7 bar	120W
Input:	-	200-240V - 50/60Hz 2.0A
Sanding Roller speed:	100-600 RPM (reduced from 1300 rpm)	50-800 RPM
Dust extraction:	1 X Ø40mm ports	1 X Ø40mm ports
Working drum:	100 mm	100mm/120mm
Working disc:	Ø125 mm or Ø180 mm	Ø125mm or Ø180mm
Weight drum:	4 kg	3,14 kg
Weight disc:	3,5 kg	2,95 kg



iSAND HWY

The newly developed iSAND HWY by Flex Trim is a flexible sanding solution suitable for any robot on the market.

The iSAND HWY can be used for sanding of surfaces and edges with both flat and complex surfaces.

The iSAND HWY comes with its own control panel which can be operated either separately or it can be integrated with the control unit for the robot. The control panel can be placed exactly where it makes most sense for the operator.

The flange can be made to fit all robots on the market so the iSAND HWY can be used both on new and old robots.

Together with Flex Trim's sanding system you can work on all products such as composite, metal, plastic, wood etc.

The sanding unit can be made from 100-400mm as a standard. Other dimensions available on request.

Technical specifications:

Motor: 1 x 0,55 kW

Sanding Roller speed: 100-700 RPM

Electrical supply: 400 V, 50 Hz

Dimensions:

Working Width: 100-400 mm

Weight (200 mm): 13,5 kg

