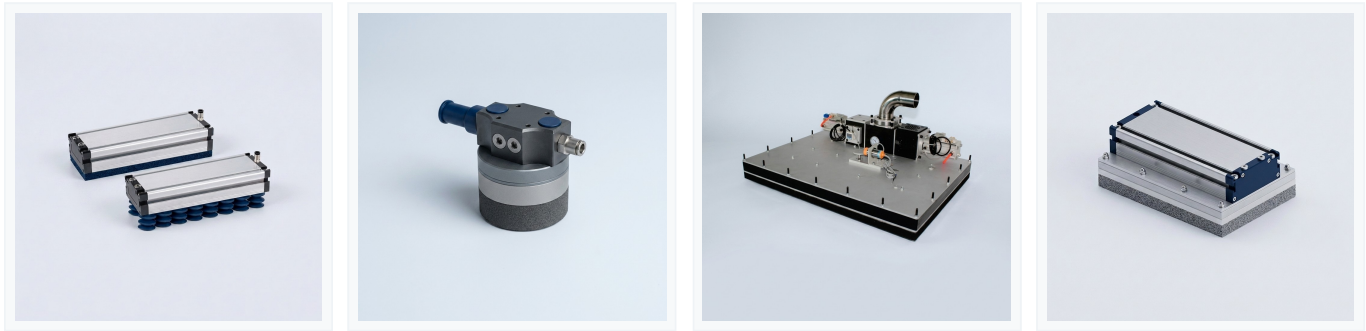


INDUSTRIAL VACUUM AUTOMATION

Gripsters & End-of-Arm Tooling

Area, matrix, flow, magnetic and needle gripsters for robot and gantry tooling.



All your base INC · Buffalo, Wyoming, USA

13 product families

3 Gripsters & End-of-Arm Tooling

Area, matrix, flow, magnetic and needle gripsters for robot and gantry tooling.

Where a workpiece is too large, too varied or too permeable for individual cups, the gripping surface itself becomes the tool. These units integrate generation, sealing and often mounting into one body that bolts to a robot flange or a traverse.

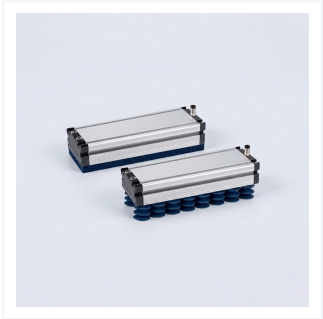
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A sealed foam or lip face over a plenum. Anything covering the face is held, so mixed formats need no changeover and no teaching.		
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Vacuum Area Gripsters

A sealed foam or lip face over a plenum. Anything covering the face is held, so mixed formats need no changeover and no teaching.



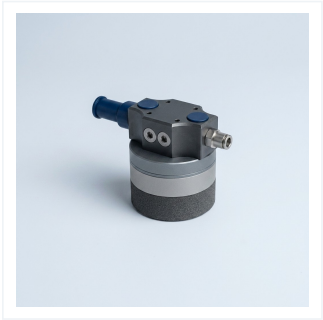
TXC Standard Vacuum Gripster

- High strength and light weight

MAX VACUUM FLOW	AIR CONSUMPTION	MAX THEORETICAL SUCTION FORCE	RATED AIR SUPPLY PRESSURE
2,460 NL/min	920 NL/min	3,129 N (-60kPa)	6 bar

TECHNICAL DATA

Material	High-quality aluminum alloy	Max Vacuum Flow	2,460 NL/min
Air Consumption	920 NL/min	Max Theoretical Suction Force	3,129 N (-60kPa)
Weight	10.9 kg	Rated Air Supply Pressure	6 bar
Operating Temperature	-10 to 60 °C	Suction Cup Diameter Options	30 mm, 40 mm
Dimensions	L: 434-1434 mm, W: 130 mm	Suction Hole Quantity	15-230 PCS
Connection Diameter	φ10 mm		



TXD Light-Duty Vacuum Gripster

- The inner cavity is large enough to handle the workpiece with obvious height difference on the surface

MAX VACUUM LEVEL	MAX VACUUM FLOW	AIR CONSUMPTION	RATED AIR SUPPLY PRESSURE
75-95 kPa	170-180 NL/min	0.5-0.73 NL/min	5-6 bar

TECHNICAL DATA

Rated air supply pressure	5-6 bar
Max vacuum level	75-95 kPa
Max vacuum flow	170-180 NL/min
Air consumption	0.5-0.73 NL/min
Weight	0.5-0.73 kg
Recommended hose diameter	φ8 mm
Adsorption surface type	Square sponge, Round sponge
Dimensions	φ80×25 mm, 80×80×25 mm, φ100×25 mm, 100×100×25 mm, φ120×25 mm, 120×120×25 mm



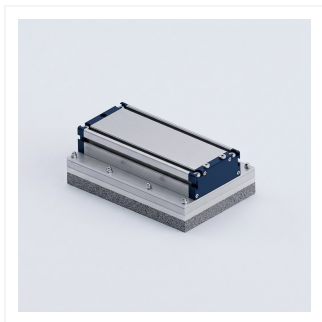
TXH Heavy-Duty Vacuum Gripster

- Large area adsorption structure, mainly used in high load working conditions

MAX VACUUM LEVEL	MAX VACUUM FLOW	AIR CONSUMPTION	MAX THEORETICAL SUCTION FORCE
85 kPa	3,710 NL/min	2,300 NL/min	1,440 N (- 40 kPa)

TECHNICAL DATA

Model	TXH500×700-A-C-V	Rated Air Supply Pressure	6 bar
Max Vacuum Level	85 kPa	Max Vacuum Flow	3,710 NL/min
Air Consumption	2,300 NL/min	Max Theoretical Suction Force	1,440 N (- 40 kPa)
Mounting Bracket	with	Weight	36.5 kg
Recommended Hose Diameter	16 mm	Air Supply Port	P
Dimensions	500×700×25 mm		



TXL Modular Vacuum Gripster

- Different sizes can be combined freely

TECHNICAL DATA

Modular Structure	Yes
Housing Material	High-quality aluminum alloy
Vacuum Generator Type	Built-in large flow vacuum generator and external blower (optional)
Adsorption Surface Type	Suction cup type and sponge type (optional)
Non-return Valve	Built-in (optional)
Dimensions	200×300, 200×400, 300×300, 300×400 (mm)
Max Vacuum Flow	710 NL/min (for TXL200×300 and TXL200×400), 1,050 NL/min (for TXL300×300 and TXL300×400)
Air Consumption	230 NL/min (for TXL200×300 and TXL200×400), 345 NL/min (for TXL300×300 and TXL300×400)
Max Theoretical Suction Force	1,055 N (- 60kPa) for TXL200×300-B40-C, 1,432 N (- 60kPa) for TXL200×400-B40-C, 1,469 N (- 60kPa) for TXL300×300-B40-C, 1,997 N (- 60kPa) for TXL300×400-B40-C
Weight	4.1 kg (TXL200×300-A-C), 5.2 kg (TXL200×400-A-C), 5.8 kg (TXL300×300-A-C), 8.4 kg (TXL300×400-A-C)
Recommended Hose Diameter	φ10 mm
Quantity of Suction Holes	126 (for TXL200×300), 171 (for TXL200×400), 196 (for TXL300×300), 266 (for TXL300×400)



TXM Standard Blower Vacuum Gripster

- Suitable for the handling of various industries

TECHNICAL DATA

Max. theoretical suction force (-30kPa)

Varies by model (e.g., 280 N for TXM130×400-A1)

Max. theoretical suction force (-40kPa)

Varies by model (e.g., 373 N for TXM130×400-A1)

Max. theoretical suction force (-50kPa)

Varies by model (e.g., 465 N for TXM130×400-A1)

Max. theoretical suction force (-60kPa)

Varies by model (e.g., 559 N for TXM130×400-A1)

Weight

Varies by model (e.g., 2.3 kg for TXM130×400-A1)

Blower connection port diameter

φ32 mm for some models, φ60 mm for others

Quantity of suction holes

Varies by model (e.g., 15 for TXM130×400-A1)

Operating temperature range

-10 to 60 °C

Material

High-quality aluminum alloy

Suction cup types

Single row sponge holes, three rows sponge holes, five rows sponge holes, suction cup type (φ30 mm, φ40 mm)



TXN Mini Vacuum Gripster

2 VARIANTS

- It is easy to install and maintain

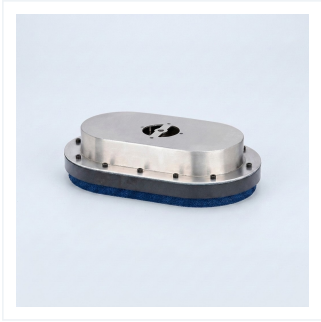
THEORETICAL SUCTION FORCE (N)	WORKING TEMPERATURE (°C)	WEIGHT (G)	VACUUM PORT (V)
18 to 34	0-60	45 to 68	TXN22×38

TECHNICAL DATA

Optional Function	Mark free/Conductive	Working Temperature (°C)	0-60
Recommended Hose Diameter (mm)	φ8	Vacuum Port (V)	TXN22×38

VARIANTS: 2 SIZES

MODEL	THEORETICAL SUCTION FORCE (N)	RECOMMENDED MIN. FLOW OF VACUUM GENERATOR (NL/MIN)	WEIGHT (G)
TXN22×38	18	≥40	45
TXN22×76	34	≥60	68



TXP Oval Vacuum Gripster

2 VARIANTS

- High strength, mainly used in high load working conditions

MAX. THEORETICAL SUCTION FORCE	WEIGHT	RECOMMENDED HOSE DIAMETER
860 to 1440 N (~40kPa)	2.9 to 4 kg	φ60 mm

TECHNICAL DATA

Recommended blower flow	200 m³/h	Recommended hose diameter	φ60 mm
Material	High-quality stainless steel		

VARIANTS: 2 SIZES

MODEL	MAX. THEORETICAL SUCTION FORCE	WEIGHT	DIMENSIONS (W)	DIMENSIONS (W2)	DIMENSIONS (W3)	DIMENSIONS (L)	DIMENSIONS (L2)	DIMENSIONS (L3)
TXP190×290-A	860 N (~40kPa)	2.9 kg	200 mm	190 mm	132 mm	300 mm	280 mm	236 mm
TXP230×380-A	1,440 N (~40kPa)	4 kg	228 mm	220 mm	164 mm	378 mm	360 mm	314 mm

3.2
Flow & Matrix Gripsters

High-flow designs that tolerate open cells and leakage: porous board, textile, perforated sheet and wafer.



SLB Thin-Lip Flow Gripster

4 VARIANTS

- Large vacuum flow, suitable for handling the porous workpiece

ORDERING VARIANTS

30	50
SLB30E-M10SD-F11	SLB50E-M10SD-F11 SLB50WS-M10SD-F11
SLB30E-M10SD-F13	SLB50E-M10SD-F13 SLB50WS-M10SD-F13
SLB30E-M10TD-F11	SLB50E-M10TD-F11 SLB50WS-M10TD-F11
SLB30E-M10TD-F13	SLB50E-M10TD-F13 SLB50WS-M10TD-F13



SLP Flow Gripster

- Flat suction cup to prevent deformation of the workpiece

TECHNICAL DATA

40	60	SLP40-M10SD-F1	SLP60-M10SD-F1
SLP40-M10SD-F3	SLP60-M10SD-F3	-	SLP60-M20SD-F2



SLF Matrix Gripster

4 VARIANTS

- Easy to install and maintain, Flexible selection according to the actual working condition

MAX. VACUUM LEVEL	MAX. VACUUM FLOW	AIR CONSUMPTION	AIR SUPPLY PRESSURE RANGE
58 to 80 kPa	242 to 250 NL/min	360 to 480 NL/min	1.0~7.0 bar

TECHNICAL DATA

Air Supply Pressure Range	1.0~7.0 bar	Working Temperature	0~60 °C
Vacuum Source	External blower		

VARIANTS: 4 SIZES

MODEL	QUANTITY OF SUCTION CUPS	WEIGHT	RATED AIR SUPPLY PRESSURE	MAX. VACUUM LEVEL	MAX. VACUUM FLOW	AIR CONSUMPTION
SLF140	186 pcs	890 g	-	-	-	-
SLF180	312 pcs	1,460 g	-	-	-	-
SLF180S	76 pcs	1,220 g	5 bar	58 kPa	242 NL/min	360 NL/min
SLF180X	76 pcs	1,220 g	5 bar	80 kPa	250 NL/min	480 NL/min



SLW Wafer Gripster

8 VARIANTS

- Reduce fragment rate, With vacuum release port, improving efficiency

ORDERING VARIANTS

M10	M15
SLW100PK-M10I-F1 SLW100PK-M10Y-F1	SLW120AE-M15I-F9 SLW120FT-M15I-F9
SLW100PK-M10I-F3 SLW100PK-M10Y-F3	-
SLW115PK-M10I-F1 SLW115PK-M10Y-F1	SLW150AE-M15I-F9 SLW150FT-M15I-F9
SLW115PK-M10I-F3 SLW115PK-M10Y-F3	-
SLW146PK-M10I-F1 SLW146PK-M10Y-F1	SLW180AE-M15I-F9 SLW180FT-M15I-F9
SLW146PK-M10I-F3 SLW146PK-M10Y-F3	-
SLW170PK-M10I-F1 SLW170PK-M10Y-F1	-
SLW170PK-M10I-F3 SLW170PK-M10Y-F3	-

3.3

Special Gripsters

Non-vacuum principles for loads a cup cannot seal against: magnetic for ferrous parts, needle for textile and fibre.



SLG Magnetic Gripster

- Compact size, lightweight, easy to install

TECHNICAL DATA

30 - ϕ 30mm	G2F - G1/4 female thread	G1F	G2F
Non-oily N	Oily N		



SNC Needle Gripster

- Simple pneumatic valve, easy to control Short work cycle, speed up the process

ORDERING OPTIONS

① **Series SNC** ② **Needle specification** 4 - 4×φ0.8mm

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Product images are visual references. Confirm dimensions, materials and ordering details before purchase.