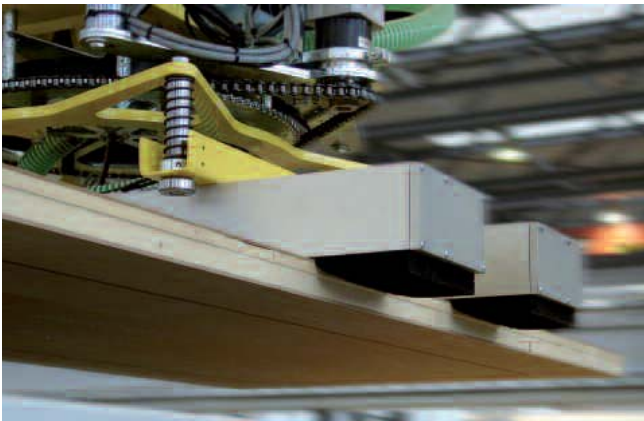


Large-area vacuum gripping system SBX

Powerful handling with maximum flexibility



Combination of two SBX beams for handling doors

Our highlights...	Your benefits...
• Integrated check valves	> Unused vacuum apertures are closed automatically for extra-strong holding force
• Modular design with various types of vacuum generators	> Flexible adaptation to the required task
• Version with integrated vacuum generator	> Rapid generation of the vacuum where it is needed: minimum cycle times
• Also suitable for use as a double beam	> Safe handling, particularly of long and heavy workpieces
• High reservoir vacuum (energy density up to -0.9 bar)	> Uneven or warped workpieces can also be handled safely

Applications

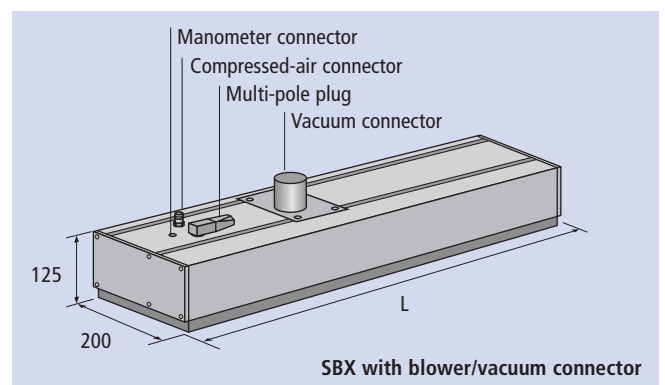
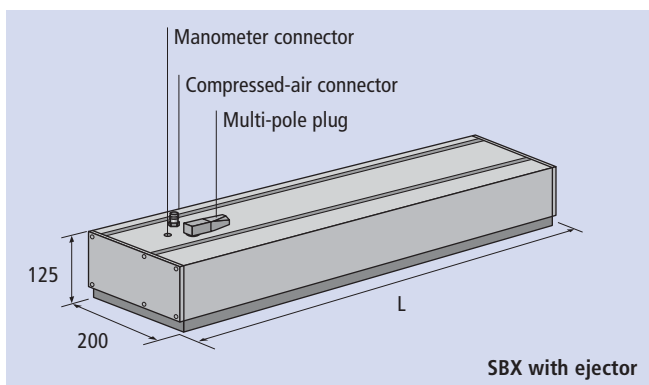
- Handling (generally of complete layers) of sawn wood, sheets, glued beams, steel sections, constructional wood and pallets with badly warped or uneven surfaces
- Ideal, due to its low weight and compact dimensions, for operation on industrial robots

Construction

- The patented large-area vacuum gripping system SBX is a modular system with many integrated functions
- Depending on the application, various types of vacuum generator (ejector, vacuum pump, vacuum blower) are available
- Flexible matching of the length of the SBX to the planned application
- Very easy installation – only one cable and one compressed-air hose have to be connected



Suitability for branch-specific applications



Type	Article No.	Dimension L [mm]*	Air consumption [m³/h]	Theoretical holding force [N]** at			Weight [Kg]
				40 % vacuum	60 % vacuum	80 % vacuum	
SBX1050,0x200,0-SEM	10.01.20.00003	1050	38,4	3700	5600	7400	24
SBX1250,0x200,0-SEM	10.01.20.00004	1250	38,4	4700	7000	9300	27
SBX1050,0x200,0	10.01.20.00005	1050	***	3700	5600	7400	23
SBX1250,0x200,0	10.01.20.00006	1250	***	4700	7000	9300	26

* Other lengths to order

** With rigid workpiece and full coverage

*** Operation with external pump, blower or ejector, see page 20