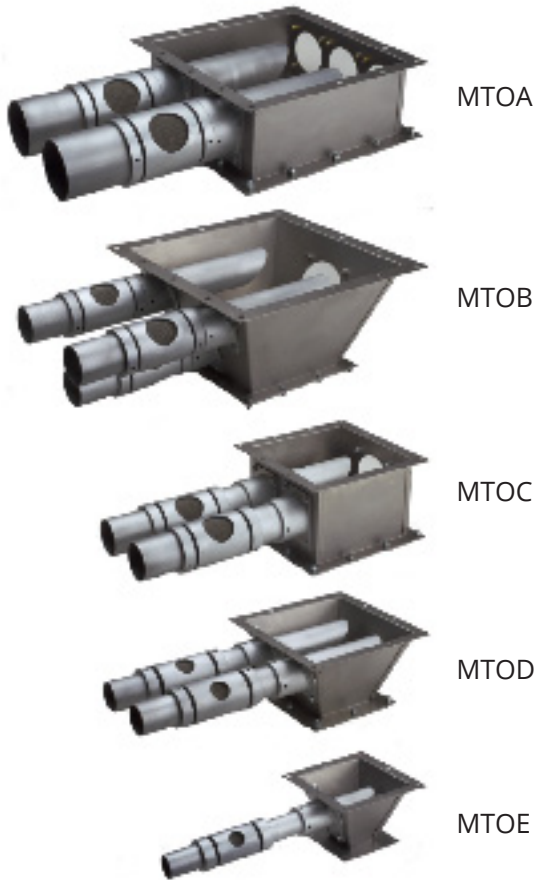


MTO SERIES

Modular Take-Off Boxes



Technical Specifications

Modular Take-Off Boxes are designed for free-flowing materials and provide durable construction in a simple modular design. The MTO Series take-off boxes feature stainless steel construction with lightweight aluminum tube assemblies. The versatile modular design is compatible with a wide range of applications and allows for easy assembly and cleanout.

MTO take-off boxes are available in single or multiple lines with styles including complete clean-out type with tapered bottom, or box type, which provides various material line take-off configurations. All compartments have adjustable tubes for air/material balancing.

Features

Standard Features

- Stainless steel construction
- Aluminum take off tubes
- Multiple tubes per box
- Air/material balancing adjustment
- Material view port on body styles A, B, and C
- Available sizes:
 - 16-1/4" (406mm) square flange with up to three take off tubes
 - 10" (254mm) square flange with up to two take off stubs
 - 7" (178mm) square flange with one take off tube
- Maximum three (3) box stack-up allowed
- Can be integrated in any vacuum conveying system

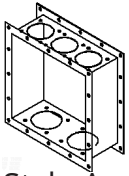
Optional Features

- Material clean-out gate
- Blank plate
- Adapter plate to mate to 7" x 7" or 9" x 9" square flange drying hoppers
- Take-off tubes:
 - 1.5"
 - 2.0"
 - 2.5"
 - 3.0"
 - 3.5"
 - 4.0"

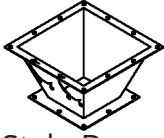
Application Notes

- Check available clearance below bin mounting flange
- Pick correct box type
- Do not mix tube sizes without consulting the factory first
- Use MDT Dual tube modular take-off boxes if you are conveying hard-to-flow materials, such as powder or conveying free-flowing pelletized materials over 200 equivalent feet
- Maximum three (3) box stack-up allowed

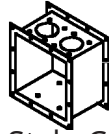
Product Diagrams



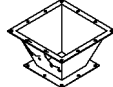
Style A



Style B



Style C



Style D



Style E

Style	H in. (cm)	W in. (cm)	D in. (cm)	A in. (cm)	B in. (cm)
A	6.94 (17.6)	16.25 (41.3)	16.25 (41.3)	3.14 (7.9)	6.38 (16.2)
B	4.31 (10.9)	10 (25.4)	10 (25.4)	3.06 (7.8)	
C					
D	5.19 (13.2)	7 (17.8)	7(17.8)	2.8 (6.1)	4.75 (12.1)

Specifications

Style	Square Flange Size in. (mm)	Height in. (mm)	Bolt Pattern		Number of Tubes per MTO Box					
			Top	Bottom	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
A	16 (406)	6 (152)	16 holes	16 holes	3	3	3	3	3	2
B	16, 10 (406, 254)	8 (203)		12 holes	3	3	3	1	1	1
C	10 (254)	6 (152)	12 holes	8 holes	2	2	2	1	1	n/a
D	10, 7 (254, 178)	5.5 (140)		8 holes	2	2	2	n/a	n/a	n/a
E	7, 4.5 (178, 114)	4.5 (114)	8 holes	5 holes	1	1	1	n/a	n/a	n/a