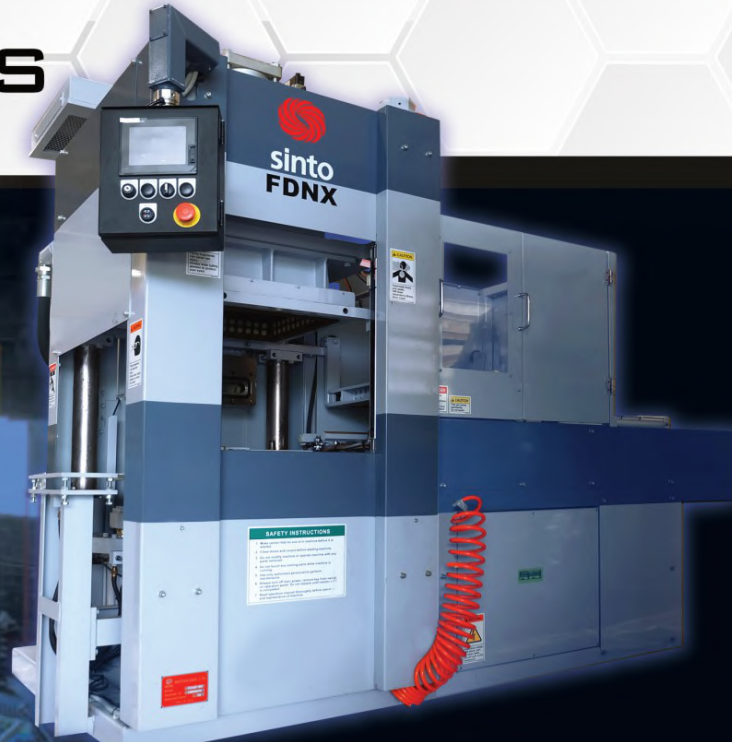




FDNX SERIES

Horizontal Parting Flaskless Molding Machine

Aeration
Sand Filling
Technology



FEATURES

Aeration sand filling technology for producing high quality castings.

Ready to use just by turning on the power (100V-240V). Compressed air sand supply.

Low-noise working environment of 72dB(A).

ideal for switching from manual molding to Automatic molding.

Simple Rate affordable

Molding Rate (MAX) : **100** molds/hr

Excluding core setting time FDNX-0



GREEN SAND MOLDING LINEUP OF MOLDING MACHINES



FCMX SERIES
Horizontal Parting Flaskless Molding Machine



FBOX SERIES
Horizontal Parting Flaskless Molding Machine



FBO SERIES
Horizontal Parting Flaskless Molding Machine



ACE SERIES Tight Flask Molding Machine



THAI SINTOKOGIO CO.,LTD.
SINTOKOGIO GROUP
Rojana Industrial Park 2
44 Moo 4, Banchang, U-Thai Ayutthaya 13210 THAILAND
TEL: +66 (0) 35-200-710-8 FAX: +66 (0) 35-200-719

New Harmony >> New Solutions™

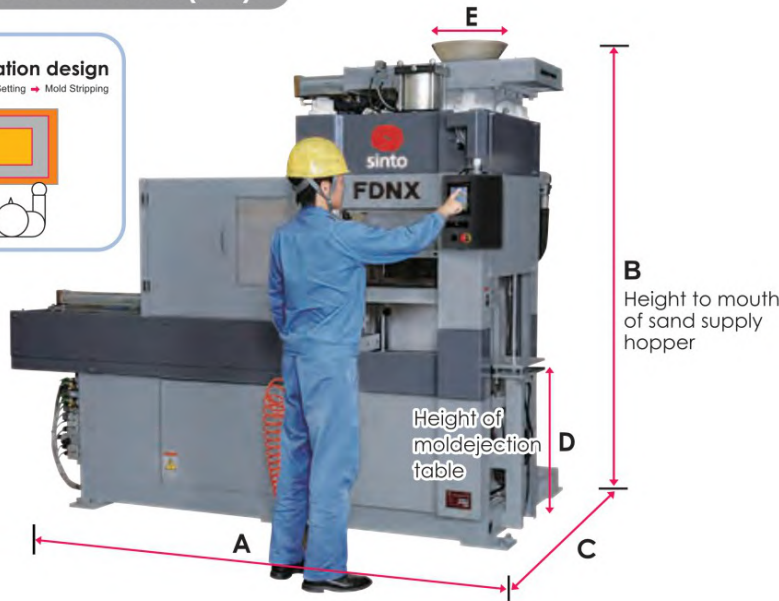
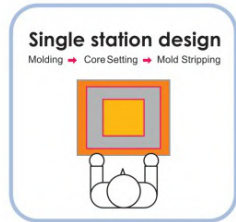
www.thisinto.co.th



ISO 9001:2015 ISO 14001:2015 CERTIFIED

DIMENSION

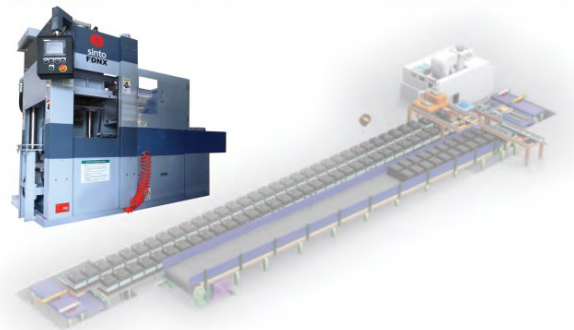
Machine Dimensions (mm)



Model No.	A	B	C	D	E
FDNX-0	2,608	2,365	1,772	820	395
FDNX-1	2,781	2,690	2,050	940	395



Actual installation example



FDNX series

FDNX series Easy set-up Easy maintenance.

SPECIFICATION

DUST COLLECTOR SPECIFICATION

Model		FDNX-0	FDNX-1
Mold size	Breadth (B) x Length (L) (mm)	350 x 450	400 x 500
	Height (H) mm	Cope Drag 150	Cope Drag 180
Molding Method ※1)		Aeration + Squeeze	
Max molding rate (Molds/hr)		100 (36sec/mold) [Excluding core setting time]	90 (40sec/mold) [Excluding core setting time]

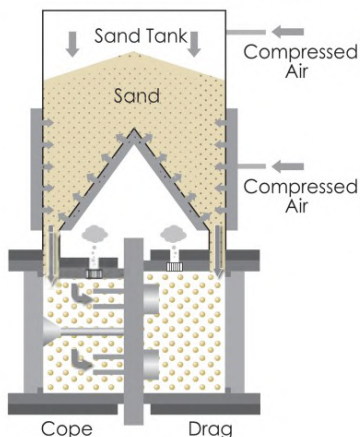
1) Molding speed may vary depending on ambient temperature, compressed air source pressure and squeeze pressure.

2) CE version is also available as an option.

3) The above specifications and dimensions are subject to change without notice.

Aeration Sand Filling Technology

Low pressure air fluidizes the sand to fill the complicated edges and pockets in the pattern with sand.



Feature

Primary sand filling that is ideal for the production of molds with superior accuracy and uniformly high strength

- Achieves uniform sand filling density.
- Uniform sand filling is realized without causing bridging at the complicated pattern profiles and throat of narrow pockets.
- Air consumption is reduced by as much as 70% compared to blow system. (compared to Sinto conventional flaskless models)
- Low noise FCMX FBOX...75 dB(A) FDNX...72 dB(A)

