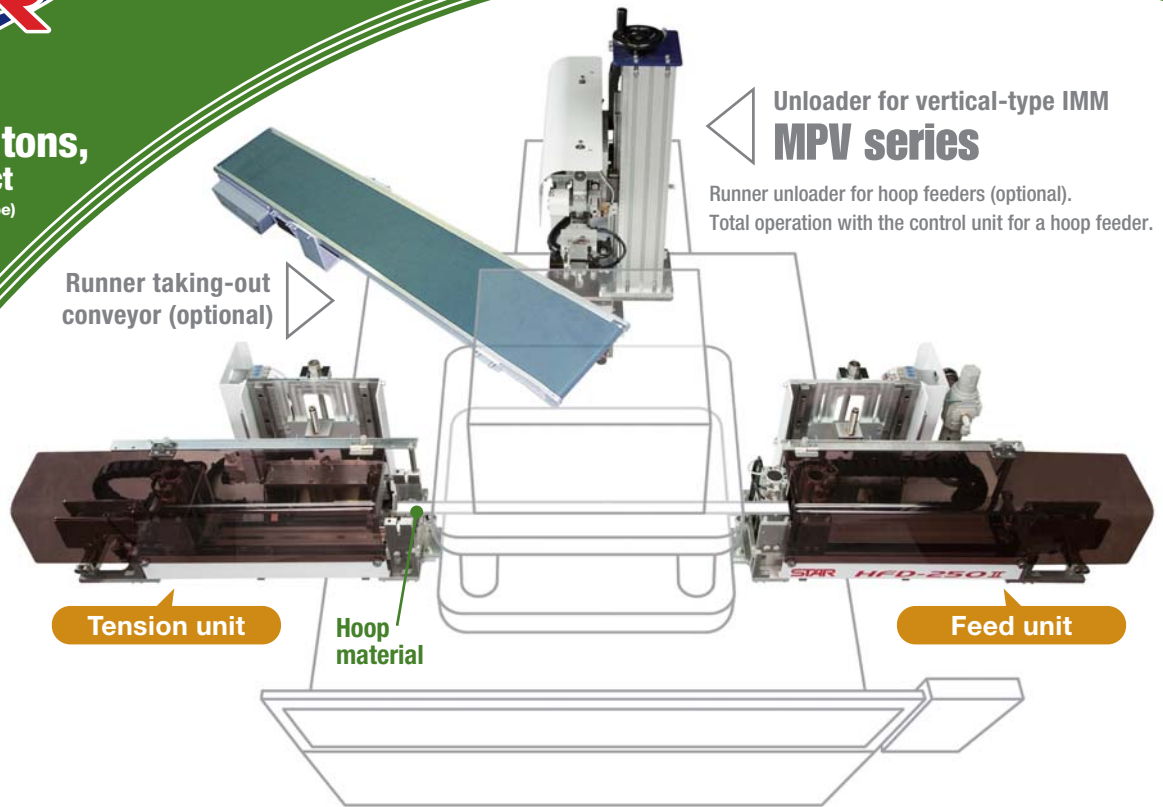




IMM 20-75 tons,
single act
(Non-rotary type)

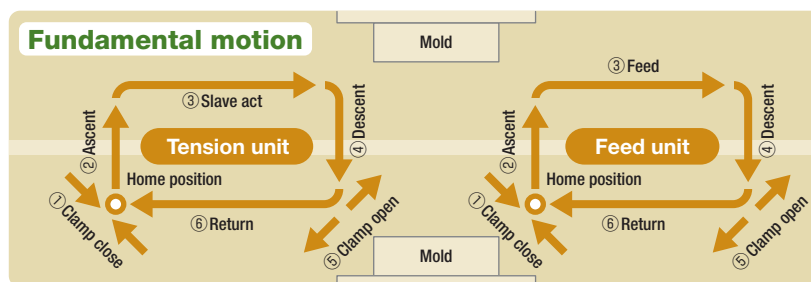


Hoop molding system for vertical-type IMM

HFD-250II



- All-in-one hoop molding system including runner extraction/ejection (optional).
- High speed, high stiffness, and low price!
- Attentive after-sales service with worldwide network!



STEC-510

All-in-one control with small sized touch panel controller. Adopt a color LED screen. Two-language selection from three languages. Japanese, English, and Simplified Chinese can be displayed.

Uses

Feeds hoop molding materials such as connectors and semi conductors produced in vertical injection molding machines. And inserts them into the mold.

Feature

- High operation accuracy with the highly efficient servo motor of the feeding unit.
- Feeding of ultra-thin hoop material without deformation (our performance records: 0.03).
- Accurate hoop material insert into a mold guide pin.
- Feed rate setting for each product.
- Synchronization of IMM ejector exactly with ascent movement of hoop feeder.
- All-in-one controller: centralized management of hoop feeder operation, runner extraction, and conveyor discharge by using STEC-510 control unit.

HFD-250Ⅱ (Hoop Feeder)



Specifications

Power		AC 200-220 V $\pm 10\%$, 50/60 Hz
Capacity of power supply		0.2 kVA
Normal air pressure		0.49 MPa
Air consumption		2.0 NI/cycle
Hoop feed	Drive system	AC servo-motor 50 W
	Maximum stroke	250 mm
	Repeat stop accuracy	± 0.05 mm or less
	Feeding direction	Left $\rightarrow$ right (standard)
Vertical lift	Drive system	Air
	Maximum stroke	40 mm
Clamp stroke		3 mm

Hoop material	Width	19-93 mm
	Thickness of material	3 mm or less
	Thickness of molding section	Upper: 30 mm or less
		Lower: 15 mm or less
Dry cycle	Width of clamp section	3 mm or more
	Total (ascent $\rightarrow$ feed $\rightarrow$ descent $\rightarrow$ feed return)	2.15 s
	Feed (sent $\rightarrow$ descent)	0.97 s
Main unit weight	Feed unit	28 kg
	Tension unit	24 kg
Control box		STEC-510 HFD

Standard function

Registration of 999 setup change data
Alarm history function (30 histories)
Bilingual function

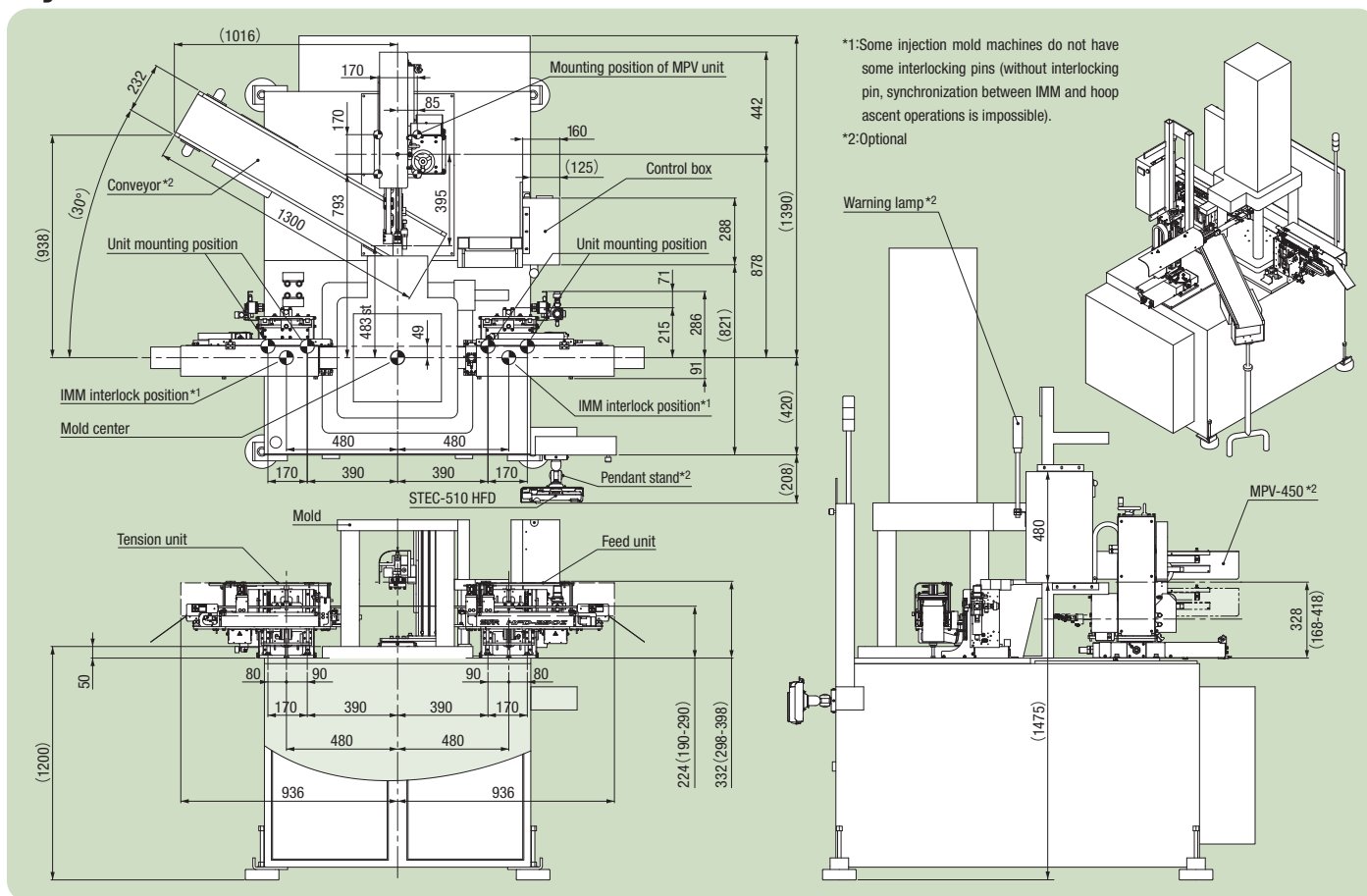
Option

0024-03 Warning lamp
5300-01 Hoop feed direction from right to left
5500-01 Runner unloader MPV (500 ST)
5500-02 Runner unloader MPV (500 ST) Swing Type
5500-03 Runner unloader MPV (700 ST)
5500-04 Runner unloader MPV (700 ST) Swing Type
5302-01 Runner conveyor
5300-04 STEC-510 HFD Pendant stand

IMM

20-75 tons, single act (non-rotary type)

Layout



● All stated here is subject to change without advance notice.



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