



Seki's Feeder Mate

Supply Unit (*upper holder not displayed*)



Nut Selector



Key Features and Benefits:

- Enabling an automated and efficient feeding process of nut to upper electrode.
- The conventional nut feeder is activated and feeds nuts through a switch foot signal, whereas, our Feeder Mate can send the nut to the upper electrode based on the predetermined weld sequence signal.
- The nuts can be fed at any angle. With output of approximately (100) M6 square nuts per minute; (80) M8 nuts per minute.
- The Feeder Mate can cope with slight variances of nut size.
- The right side and the wrong side of the nut are distinguished by the Selector.
- Our Nut Selector unit is quiet, unlike competitor's units which function off a vibration system to deliver nuts. Also, even as nuts decrease in the bowl, our selecting capabilities will remain stable to the very last nut, whereas vibrating units typically require vibrator adjustments. Seki's bowl feed alignment process is carried out by rotary magnetic action, for consistent and quiet delivery of nuts.
- The Nut Selector unit is compact in size, 1030mm high; 245mm deep; and 470mm wide.
- Comes with Mitsubishi or Omron PLC. 20 I/O PLC, enabling integration of weld Control monitoring and modification for your entire weld cell. Optionally sold without PLC if you'd like, but we'll supply feeder program logic.

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Specifications:

Nut Selector	Outer Dimensions	D-245mm,W-470mm,and H-1030mm Mini selector D-160mm,W-355mm, and H-465mm
	PLC	Mitsubishi or Omron (Standard PLC comes with 20 input/output ports for Control monitoring and modification integration.)
	Power Supply	100VAC, single phase, 50/60Hz
	Motor	25w geared motor
	Gear Head	1/18
	Magnet	ND-FE-B magnets 13 diam.
	Stainless Steel Plate	SUS304 Hard chrome-plated on one side
	Hopper Capacity	Varies with Nut Size. Approx 2,500 M6 square nuts (W=10.8__H=5.8mm__
	Working Air Pressure	_kg/___
	Air Consumption	Average in the case of air feeding: 2.6NL/piece
		In the case of natural fall: 0.0NL
	Valve	Return type, lead wire type effective cross-sectional area: 10__
	Air Control Unit	1/4 one-touch manual discharge, lubricating oil K2213-2
	Snap Switch	Toggle __WD1011_WD1211__
	Relay	2a2b_LY2N)
Push Button	Single Pole __AB542177__	
Feeder Mate (supply unit)	Outer Dimensions	Overall length = 730mm
	Cylinder	_20 stroke_150mm non-rotating
	Cylinder Switch	Max 120VAC, 50VDC
	Air Tube	Outer diameter _6, Inner diameter _4
	Air consumption	1.88NL/1Stroke
Upper Holder	Holder	Copper _25 or _32
	Cylinder	_12 stroke_25mm
	Magnet	Samarium Cobalt Magnet
	Guide Pin	SUS304
	Cylinder Rod	SUS304
Lower Holder	Inner	Beryllium Copper
	Outer	Brass
	Cylinder	_12 stroke_25mm
	Guide Pin	Ceramic
	Cylinder Rod	Resin

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