

# A-A Series Long Sprint NC Roll Feeding Machine

for high speed stamping presses

MODEL **A40A / A60A**



**A40A**



**A60A**



## 491C Controller





## Features

- Automatic Acceleration Setting System
- Automatic Thickness Adjustment System
- Air Free
- Electromagnetic Roll Pressure System



## Input Items

- Feed Length (mm/Inch)
- Roll Pressure (%)
- Press Shot Speed (SPM)
- Feed Start Angles · Overrun Check Angles
- Release Start Angles · Release Finish Angles



## Product Specifications

Specifications	A40A	A60A
Material Width	120mm* ~ 400mm	150mm* ~ 600mm
Max. Material Thickness	~ 1.6mm	
Max. Material Weight	~ 10kg	
Max. Stamp Speed	~ 600spm	
Max. Feed Length	999.99mm (0.01mm )	999.99mm (Adjusted by 0.01mm unit)
Required Power Supply	(±10%) · 50/60Hz	3-phase 200V(±10%) · 50/60Hz

Optional feed rolls are available for minimum material widths of 120/150 or less.



## Feed Performance Table

Feed Angle 150°				Feed Angle 180°				Feed Angle 210°			
Press Speed	Max. Feed Length [mm]			Press Speed	Max. Feed Length [mm]			Press Speed	Max. Feed Length [mm]		
spm	Material Weight			spm	Material Weight			spm	Material Weight		
	3kg	5kg	7kg		3kg	5kg	7kg		3kg	5kg	7kg
600	17.4	10.9	5.7	600	31.9	19.9	10.5	600	50.8*	31.7*	16.7*
550	23.5	14.6	7.7	550	41.7	26.0	13.7	550	64.7*	40.5*	21.4*
500	31.9	19.9	10.5	500	55.0	34.3	18.1	500	82.6	52.6	27.8
450	44.0	27.4	14.5	450	73.9	46.1	24.4	450	107.3	69.6	36.8
400	61.8	38.5	20.4	400	101.4	63.3	33.5	400	142.7	94.1	49.8
350	89.1	55.6	29.4	350	143.1	89.3	47.2	350	195.6	131.0	69.3
300	133.2	83.1	44.0	300	209.8	131.0	69.3	300	278.8	189.7	100.3
250	209.8	131.0	69.3	250	309.7	202.7	107.2	250	409.7	290.0	153.4
200	334.7	223.1	118.0	200	459.6	339.2	179.6	200	584.5	464.2	254.1
150	542.9	422.5	227.9	150	709.5	589.1	341.5	150	876.0	755.6	478.1
100	959.3	838.9	555.0	100	999.9**	999.9**	803.8	100	999.9**	999.9**	999.9**

It may not be possible to finish workpiece feed at angle as specified on the feed performance table if the feeding machine is under a load resulting from material stress, etc.

### ■ Precautionary Remarks on Installation

- For the product details and installation conditions, refer to the specifications of separate sheet.
- Notations on control panel are in English and signs only.
- When this machine is exported, make sure that the machine is provided with safeguards required in the destination country.  
Example : The electric power supply to this machine is 3-phase 200V±10% · 50/60Hz only. Not available option which suited the local power supply.
- It's necessary that the exclusive use rotation sensor is installed.
- Specifications in this catalog are subject to change for machine improvements without prior notice.
- Before using the machine, read the safety instruction in the instruction manual.

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