

DIMAC

G Series **NC Grip Feeding Machine**

for high speed stamping presses

MODEL *G11 / TG4*



G series features

Air Free

This machine has the structure where feed and release do not receive the deviation of press rotation speed, because no link of the drive mechanism by the press machine.

Electromagnetic Grip Pressure / Release Systems.

Numerical setting items : feed length, feed start angle, feed interfere angle, release start / end angles, Grip pressure.

Product specifications



Model G11

Material width	8mm ~ 120mm
Max. Material thickness	~ 0.8mm
Max. Feed length	~ 110.00mm
Max. Stamp speed	~ 600spm
Required power supply	±10% 50/60Hz 3-phase AC200V ±10% 50/60Hz
Weight	42kg
Pass line	169mm



Model TG4

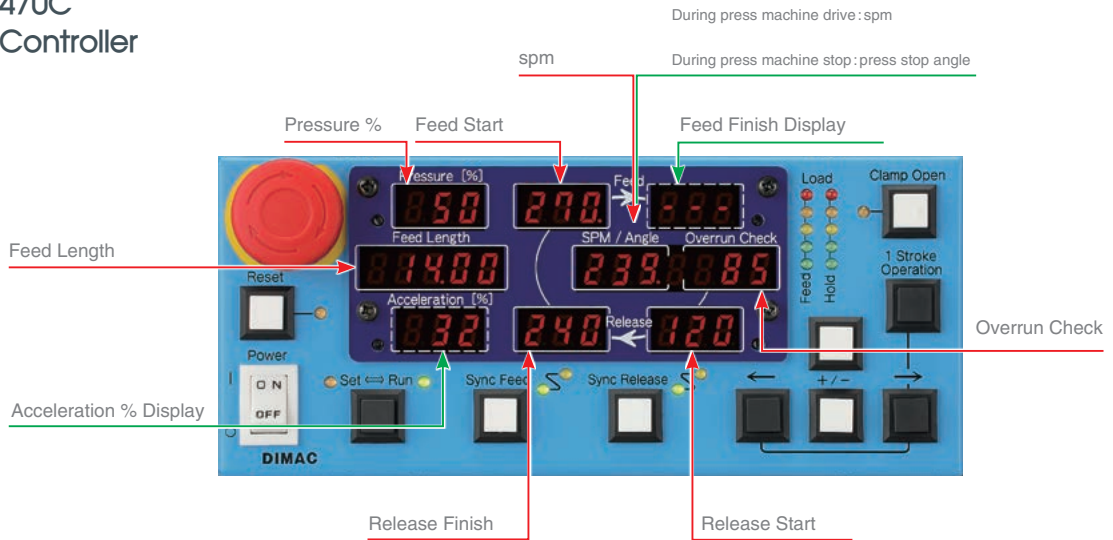
Material width	8mm ~ 120mm
Max. Material thickness	~ 0.8mm
Max. Feed length	~ 40.00mm
Max. Stamp speed	~ 1000spm
Required power supply	±10% 50/60Hz 3-phase AC200V ±10% 50/60Hz
Weight	42kg
Pass line	169mm

*1 Standard Model

*2 Release will be moving the lower gripper.

Control panel display function

470C Controller



Numerical setting items

	G11	TG4
Feed length	0.01 ~ 110.00mm (Unit 0.01mm)	0.01 ~ 40.00mm (Unit 0.01mm)
Grip pressure	10% ~ 100%	
Feed start	210° ~ 150°	
Feed interfere	210° ~ 150°	
Release start	60° ~ 180°	
Release finish	120° ~ 300°	
SPM / Angle	1 ~ 700spm	1 ~ 1200spm*

* In case of over 1000, To display the last 3 digit and dot.

Controller options

DS6 Feed direction change

FF6 Feed completion output

TC6 Feed conditions measurement

MP6 Data bank

BS6 Feed-during output

RC6A Remote box

Feed Performance Table

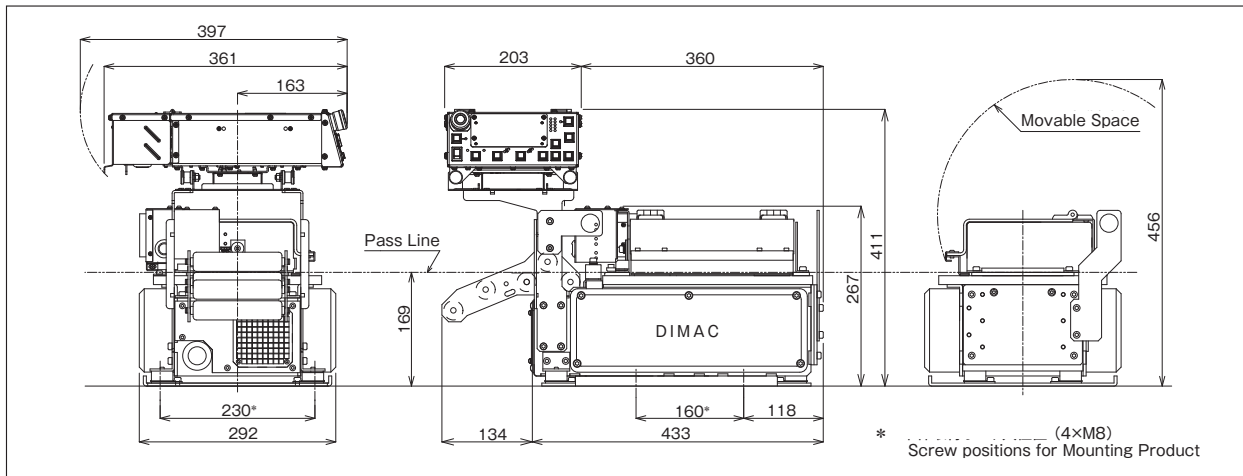
G11		
Feed angle Setting value	150°	180°
spm	Feed length (mm)	
600	1.9	4.5
550	2.9	6.4
500	4.5	9.1
450	6.8	13.0
400	10.4	18.9
350	16.2	28.0
300	25.8	43.1
280	31.5	51.8
260	38.7	62.9
240	48.1	77.1
220	60.4	95.0
200	77.1	*110.0
180	99.0	*110.0
160	*110.0	*110.0

* Maximum value of setting

TG4		
Feed angle Setting value	150°	180°
spm	Feed length (mm)	
1000	1.7	3.1
950	2.0	3.6
900	2.4	4.2
850	2.9	5.0
800	3.5	5.9
750	4.2	7.0
700	5.2	8.5
650	6.3	10.2
600	7.8	12.6
550	9.8	15.6
500	12.6	19.6
450	16.3	25.2
400	21.7	33.2
350	29.7	*40.0

* Maximum value of setting

Figure dimension



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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