

#1 Main press

SPECIFICATIONS
FOR
C2F-16 HOT FORGING PRESS

2. SPECIFICATIONS

2-1. Specification of Press

		C2F-16
Model		C2F-16
Capacity	(6mm above lower dead point)	16 MN
Stroke		260 mm
Number of strokes per minute		60 min ⁻¹
Number of working strokes per minute		20 min ⁻¹
		10 min ⁻¹
Allowable eccentric load		16 MN
Allowable eccentric distance: (Left/Right)		280 mm
	(Front/Back)	50 mm
Die height	(STROKE DOWN ADJ. UP)	707 mm
Die height adjustment		10 mm
Bolster area	LR×FB×THICKNESS	1265× 890× 190 mm
Adapter area	LR×FB×THICKNESS	930×1065× 133 mm
Distance between column		1400 mm
Side Opening		800 mm
Upper knockout	Oil-hydraulic	200 kN× 50 mm
Lower knockout	Mechanical	800 kN× 80 mm
(Lower K.O. timing cylinder)		25 kN× 80 mm
Main motor		440V 60Hz 75kw×12P
Die height ADJ. motor		220V 60Hz 1.5kw×4P
Lubricating oil pump motor		220V 60Hz 0.75kw×4P
Lubricating oil return pump motor		220V 60Hz 0.4kw×4P
Hydraulic power unit		
(Upper K.O.)		220V 60Hz 11kw×6P
(Circulation)		220V 60Hz 0.75kw×6P
Grease pump motor		220V 60Hz 0.2kw×4P

Utilities

Electric power source	480V 240KVA
Compressed air	0.5 MPa 600L/min
Cooling water	0.3 MPa 40 L/min

2-2. Major Equipment

1) Load meter (strain gauge type · Overload detector)	1 set
2) Stick liberating device (Oil-hydraulic)	1 set
3) Bearing temperature monitor (6 points)	1 set
4) Clamp device	1 set
Upper clamp (lever type · With forward and backward cylinder)	100 kN
Lower clamp (lever type)	150 kN
5) Die lifter device	1 set
(rail type no roller)	lift 50kN
6) Oil cleaner	1 set
7) Oil collect tank (1000L)	1 set
8) Lubricating oil pump up device	1 set
9) Die lubricating oil collect pan	1 set
10) Dust free unit (in hydraulic power unit)	1 set
11) Brake inspection deck · handrails	1 set
12) Pipe joints from first to secondary pipes	1 set
13) Others	
· Installation plate for Loader	1 set
· Installation plate for Transfer	1 set
· Drive shaft for Transfer	1 set
· Installation plate for Carry device	1 set

2-3. Electrical specifications.

2-3-1 panel 1 set

Control panel

Operation panel

Portable operation panel

2-3-2 General specifications

Control power (Voltage) AC120V

DC 24V

(Apply only equipment supplied by KURIMOTO)

Panel ambient conditions:

Temperature 0~40°C

(Must be no frozen condition)

Humidity At or less than 90%

(Must be no condensation)

Other No corrosive gas, salty compound, nor dust

2-3-3 Input/Output with relating equipment

IO to heater 1 set

2-3-4 Specifications for wiring

Wiring distance Distance between control panel and center of machine 10 M

Cable length 50 M

Power circuit: Wiring with cable 1 set

Control circuit: Wiring with cable and IV cord 1 set

Construction: Wiring between control panel and the press with rack

Wiring in the press with thin cord pipe and flexible tube

Regarding terminals, Y-type will be used, exception of terminals for power which will be circle type.

