



HEAVY DUTY GAP FRAME POWER PRESSES



- Eccentric Shaft ensures high torsional rigidity and superior strength
- Plunger Guiding System ensures high precision and extended die tool life.

SNK Series

STANDARD FEATURES

Minimized Frame Gap Opening

The highly rigid frame construction minimized the frame gap opening caused by elongation and deformation of the frame when the press is loaded. In addition, the thick bolster reduces its deflection. These features satisfy requirements for higher accuracy press works.

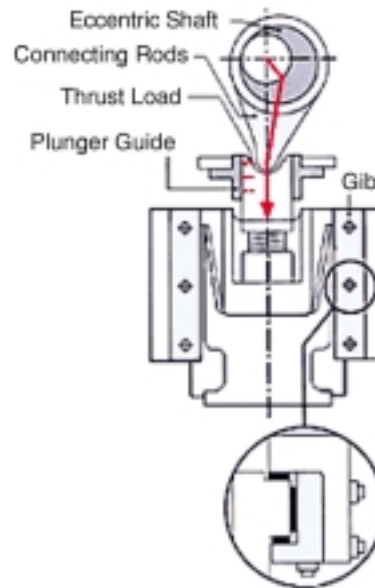
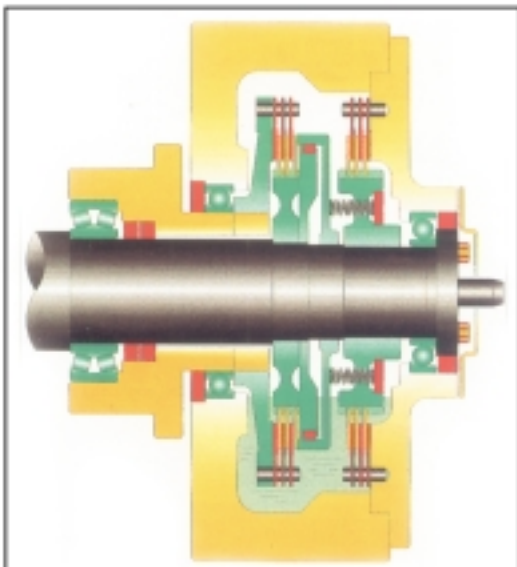
Main Drive

SNK Series are equipped with eccentric shaft as main drive shaft. Eccentric shafts assure minimal shaft deflection compared to traditional crankshaft designs. The oil Bath Main Gear & Pinion are precisely Profile Ground for smooth and silent operations.



Wet Clutch

Pneumatic High Torque Wet Clutch and Brake unit with sintered multi-disc linings provides low noise, long life operation with minimal maintenance.



Plunger Guide System

Designed for high precision and less die wear. Thrust load from eccentric motion is absorbed by the plunger guide system. The plunger guide is the primary guiding force, preventing side load on the gibs. Together, the plunger guide and gib surface area of the SNK series ensures less tool wear and higher part accuracy.

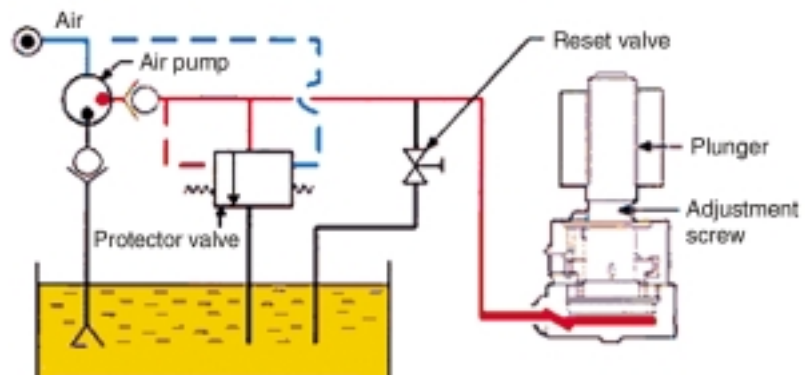


Heavy Duty Slide Construction

A heavy duty slide is used for increased rigidity. A motorized slide adjustment with digital display is standard. The die height is displayed in metric units of 0.1 mm for precise slide adjustment. The slide is guided primarily by the plunger guide mechanism along with full-length, six point gibs. The precision of the plunger guide and gibbing is a true advantage with tooling, allowing tight tolerances between the punch and die.

Hydraulic Overload Safety

A built-in hydraulic overload protection (OLP) system completely ensures press and tool safety during any overload situation. As soon as the load exceeds the set value, the OLP device will release the hydraulic pressure and at the same time stop.



Eccentric Shaft Main Drive

Provides high torsional rigidity and superior strength

Plunger Guide System

Preventing load on Slide Gibs ensuring extended life of tools

Hydraulic Overload Safety

Reliable and quick responding protection of press during an overload situation

Mitsubishi FX3U PLC with Fault Finding Touch Screen HMI

- Superior Japanese FX 3U PLC
- 7.2" Fault Finding HMI with Digital Crank Angle Indicator & Tool Data Storage



SNK SERIES

STANDARD ACCESSORIES

- ☐ Wet Clutch
- ☐ ISI marked Electric Motor with Electrical Control Panel
- ☐ Mitsubishi (made in Japan) FX3U PLC
- ☐ 7.2" TFT Touch Screen Fault Finding HMI with Crank Angle Indicator and Tool Data Storage
- ☐ Motorized Grease Pump
- ☐ Hydraulic Overload Safety
- ☐ Encoder based Programmable ECAMs
- ☐ Dual Solenoid Valve
- ☐ Die Height Indicator
- ☐ Motorized Slide Adjustment

- ☐ Anti Repeat Safety Device
- ☐ Pneumatic Balancers
- ☐ 2 nos Mis-feed Socket

OPTIONAL ACCESSORIES

- ☐ Pneumatic Die Cushion
- ☐ Photo Electric Safety Device
- ☐ Variable Speed with VFD motor
- ☐ Quick Die Change System
- ☐ Load Tonnage Monitor
- ☐ Decoilers, Straighteners & Feeders

TECHNICAL SPECIFICATIONS

MODEL		SNK-110	SNK-160	SNK-200	SNK-250
CAPACITY	Tonne	110	160	200	250
FIX STROKE	mm	160	200	220	250
SPM (FIX)		50	40	35	30
SPM (VARIABLE)		35 - 60	30 - 50	25 - 45	25 - 40
RATING POINT	mm	5	6	6	6
DIE HEIGHT	mm	360	450	500	500
SLIDE ADJUSTMENT	mm	110	120	130	140
SLIDE AREA	mm	650 X 520	720 X 580	860 X 650	960 X 720
TOOL BORE (Ø)	mm	63	65	80	80
BOLSTER AREA	mm	1150 X 680	1250 X 760	1400 X 840	1500 X 900
BOLSTER THICKNESS	mm	140	160	180	180
FLOOR TO TOP OF BOLSTER	mm	900	900	1000	1000
CLEAR DIST. BETN. UPRIGHTS	mm	670	760	900	940
MAIN MOTOR (HPxP) (FIX)		10 X 4	15 X 4	20 X 4	25 X 4
MAIN MOTOR (HPxP) (VARIABLE)		15 X 4	20 X 4	25 X 4	30 X 4
SLIDE ADJ. MOTOR	KW	0.4	0.75	1.5	1.5

DIE CUSHION					
CAPACITY	Tonne	8	10	14	14
STROKE LENGTH	mm	90	100	110	120
PRESSURE PAD AREA	mm	480 X 300	540 X 340	640 X 440	740 X 540

THE MANUFACTURER RESERVE RIGHTS TO MODIFY DESIGN, SPECIFICATIONS, MECHANISM, ETC. TO IMPROVE THE PERFORMANCE OF THIS MACHINE WITHOUT NOTICE.



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