



Metal Forming Solutions

Devson Presstech Pvt. Ltd.

📍 Unit-1 : 71/6/2, 72/10/1/2, Swarn Park, Mundka, New Delhi-110041 (INDIA)

☎ **+91 - 971 123 1233, 981 012 2946**

✉ info@devsonpowerpresses.com 🌐 www.devsonpowerpresses.com



LOCATION

DCX Series - C Frame Cross Shaft Press

DCX Series C Frame - Single Point Suspension Cross Shaft Presses are Highly Rigid with Minimum Angular Deflection fitted with Pneumatic Clutch and Brake.

HIGHLIGHTS

- Rigid Frame and Bolster with Less Deflection
- Reduced Noise and Vibration, Gear Transmission Runs in Oil Bath.
- High Accuracy Transmission Gears & High Rigidity Forged Crank Shaft Ensures Press Long Life and Accuracy.
- Automatic Grease Lubrication with default monitor ensures the operation reliability.
- Wide Slide and Bolster Area
- Flywheel Balancing is being done.

Standard Features

- Main Motor with Fwd./Rev Controller
- Hydraulic Overload Protection
- Counter Balancers
- Spare Cam – 4 Set
- Manual Slide Adjustment From DCX 25 ~ 45 Ton
- Motorised Slide Adjustment From DCX 63 ~ 250 Ton
- 7" Fault Finding HMI with Plc controlled Panel
- Safety Light curtain
- Production Counter with Batch Counting System
- 2 no's of Misfeed Socket
- Slide Knockout Device
- Digital Shut Height Indicator (DCX 63 Ton and above)

Optional Features

- Variable Speed Drive
- Die Cushion System
- Anti-vibration Pads
- Encoder Based Programmable Cam System
- Foot Switch
- Quick Die Change System
- Load Monitor Device



SPECIFICATIONS

MODEL		DCX - 25			DCX - 35			DCX - 45			DCX - 63	
		G	UG	HG	G	UG	HG	G	UG	HG	G	UG
Stroke Length Fix	mm	80	40	50	90	40	60	110	50	60	130	50
Rating Point	MM	3.2	1	2.3	3.2	1.2	2.3	3.2	1.5	2.3	4	1.5
SPM	FIX	90	150	140	80	150	120	70	140	110	60	130
	VARIABLE	60 ~ 90	100 ~ 200	80 ~ 140	60 ~ 90	100 ~ 200	80 ~ 120	50 ~ 80	100 ~ 180	80 ~ 110	50 ~ 70	100 ~ 150
Die Height	mm	230			250			270			300	
Slide Adjustment	mm	50			50			60			70	
Slide Area	mm	330 X 250			380 X 300			430 X 350			500 X 400	
Shank Hole	mm	40			40			50			50	
Bolster Area	mm	700 X 320			780 X 400			840 X 440			900 X 520	
Bolster Thickness	mm	80			85			110			120	
Slide Adjustable Motor	Kw	-			-			-			0.4	
Floor to Top of Bolster	mm	800			800			800			860	
Clear Distance B/w upright	mm	430			490			495			580	
Main Motor	FIX	3			3			5			7.5	
	VARIABLE	5			5			7.5			10	
Photo Safety Guards		Installed			Installed			Installed			Installed	
Motorized Grease Lubrication		CENLUB			CENLUB			CENLUB			CENLUB	
Bushes & Liners		Phos Bronze			Phos Bronze			Phos Bronze			Phos Bronze	
DIE CUSHION (OPTIONAL)												
Die Cushion Capacity	Ton	-			-			3.5			6	
Die Cushion Stroke	Mm	-			-			50			70	
Die Cushion Effective Area	Area	-			-			300 X 210			380 x 260	

MODEL		DCX - 80	DCX - 110	DCX - 160	DCX - 200	DCX - 250
		G	G	G	G	G
Stroke Length Fix	mm	150	160	200	220	250
Rating Point	MM	4.5	5	6	6	6
	FIX	60	50	40	35	30
SPM	VARIABLE	40 ~ 70	40 ~ 60	30 ~ 50	25 ~ 45	25 ~ 40
Die Height	mm	330	360	400	450	450
Slide Adjustment	mm	80	90	100	110	120
Slide Area	mm	560 x 460	650 x 520	720 x 580	860 x 650	960 X 720
Shank Hole	mm	50	60	65	80	80
Bolster Area	mm	1050 x 600	1150 x 680	1250 x 760	1400 x 840	1500 X 900
Bolster Thickness	mm	140	140	160	180	180
Slide Adjustable Motor	Kw	0.4	0.4	0.75	1.5	1.5
Floor to Top of Bolster	mm	900	900	900	1000	1000
Clear Distance B/w upright	mm	620	670	760	900	940
	FIX	10	10	15	20	25
Main Motor	VARIABLE	15	15	20	25	30
Photo Safety Guards		Installed	Installed	Installed	Installed	Installed
Motorized Grease Lubrication		CENLUB	CENLUB	CENLUB	CENLUB	CENLUB
Bushes & Liners		Phos Bronze	Phos Bronze	Phos Bronze	Phos Bronze	Phos Bronze
DIE CUSHION (OPTIONAL)						
Die Cushion Capacity	Ton	6	8	10	14	14
Die Cushion Stroke	Mm	70	90	100	110	120
Die Cushion Effective Area	Area	410 x 260	480 x 300	540 x 340	640 x 440	740 X 540



DCXR Series – Ring Frame Cross Shaft Press

DCX Series -Ring Frame - Single Point Suspension Cross Shaft Presses are Highly Rigid which Virtually Eliminates Angular Deflection.

HIGHLIGHTS

- Highly Rigid Frame designed virtually eliminates angular deflection.
- High Tool Life and reduces cost of tool maintenance.
- Reduced Noise and Vibration, Gear Transmission Runs in Oil Bath.
- High Accuracy Transmission Gears & High Rigidity Forged Crank Shaft Ensures Press Long Life and Accuracy.
- Automatic Grease Lubrication with default monitor ensures the operation reliability.
- Wide Slide and Bolster Area
- Flywheel Balancing is being done.

Standard Features

- Main Motor with Fwd./Rev Controller
- Hydraulic Overload Protection
- Counter Balancers
- Spare Cam – 6 Set
- Motorised Slide Adjustment
- 7" Fault Finding HMI with PLC controlled Panel
- Safety Light curtain
- Production Counter with Batch Counting System
- 2 no's of Misfeed Socket
- Slide Knockout Device
- Digital Shut Height Indicator
- Encoder Based Programmable Cam System

Optional Features

- Variable Speed Drive
- Die Cushion System
- Anti-vibration Pads
- Foot Switch
- Quick Die Change System
- Load Monitor Device



SPECIFICATIONS

MODEL		DCX - 80	DCX - 110	DCX - 160	DCX -200
		G	G	G	G
Stroke Length Fix	mm	150	160	200	220
Rating Point	MM	4.5	5	6	6
SPM	FIX	60	50	40	35
	VARIABLE	40 ~ 70	40 ~ 60	30 ~ 50	25 ~ 45
Die Height	mm	330	360	400	450
Slide Adjustment	mm	80	90	100	110
Slide Area	mm	560 x 460	650 x 520	720 x 580	860 x 650
Shank Hole	mm	50	60	65	80
Bolster Area	mm	900 x 600	1000 x 680	1150 x 760	1250 x 840
Bolster Thickness	mm	140	140	160	180
Slide Adjustable Motor	Kw	0.4	0.4	0.75	1.5
Floor to Top of Bolster	mm	900	900	900	1000
Main Motor	FIX	10	10	15	1000
	VARIABLE	15	15	20	25
Photo Safety Guards		Installed	Installed	Installed	Installed
Motorized Grease Lubrication		CENLUB	CENLUB	CENLUB	CENLUB
Bushes & Liners		Phos Bronze	Phos Bronze	Phos Bronze	Phos Bronze
Die Cushion Capacity	Ton	6	8	10	14
Die Cushion Stroke	Mm	70	90	100	110
Die Cushion Effective Area	Area	410 x 260	480 x 300	540 x 340	640 x 440

DHS Series - C Type - High Speed Plunger Guided Press



HIGHLIGHTS

- Rigid MS Fabricated Frame for minimum angular deflection and reduced vibrations
- Left to right shaft & Shaft is on anti-friction bearings.
- High Precision through 2+1 = 3 post guides.
- Dynamic Balancer device.
- Motorized slide adjustment.
- Digital Shut height indicator.
- Inverter drive for variable speed.
- PLC based control panel with touch screen HMI - with status and fault message display.
- Programmable cam with Crank angle indicator and SPM display.
- Total / Preset / Batch counter.
- Forced oil lubrication.
- Misfeed detector sockets.
- Air gun.
- Hydraulic thread lock system SANDSUN TAIWAN.

C FRAME SPECIFICATIONS

MODEL	Units	DHS-C-16	DHS-C-25	DHS-C-45	DHS-C-63
CAPACITY	TON	16	25	45	63
STROKE	mm	40	40	40	40
SPEED	SPM	200 ~ 600	200 ~ 600	200 ~ 500	200 ~ 450
Die-Height	mm	195 ~ 210	200 ~ 220	210 ~ 230	230 ~ 260
Bolster Area	mm	660 * 360	700 * 400	800 * 460	900 * 510
Bolster Thickness	mm	55	75	90	100
Slide Area	mm	460 * 250	460 * 275	500 * 300	540 * 340
Bolster Opening	mm	250 * 100	250 * 100	400 * 100	500 * 100
Main Motor	HP	5	7.5	10	15
Weight	Kg	2500	3400	4500	8000
Plunger No	No.	1	1	1	1
Clutch Brake	Type	Combination	Combination	Combination	Combination

DHS Series - H Type - High Speed Plunger Guided Press



HIGHLIGHTS

- Rigid MS Fabricated Frame for minimum angular deflection and reduced vibrations
- Left to right shaft & Shaft is on anti-friction bearings.
- High Precision through 4+1 = 5 post guides.
- Dynamic Balancer device.
- Motorized slide adjustment.
- Digital Shut height indicator.
- Inverter drive for variable speed.
- PLC based control panel with touch screen HMI - with status and fault message display.
- Programmable cam with Crank angle indicator and SPM display.
- Total / Preset / Batch counter.
- Forced oil lubrication.
- Misfeed detector sockets.
- Air gun.
- Hydraulic thread lock system SANDSUN TAIWAN.

H FRAME SPECIFICATIONS

MODEL	Units	DHS-HP-25	DHS-HP-45	DHS-HP-63	DHS-HP-80	DHS-HP-125
CAPACITY	TON	25	45	63	80	125
STROKE	mm	30	30	30	30	30
SPEED	SPM	200 ~ 600	200 ~ 550	200 ~ 500	200 ~ 400	200 ~ 400
Die-Height	mm	220 ~ 250	260 ~ 290	300 ~ 330	310 ~ 350	320 ~ 360
Bolster Area	mm	500 * 400	740 * 550	900 * 600	1100 * 700	1300 * 800
Bolster Thickness	mm	80	90	100	125	160
Slide Area	mm	450 * 350	690 * 380	800 * 440	1000 * 460	1200 * 550
Bolster Opening	mm	350 * 100	450 * 120	500 * 130	700 * 130	800 * 200
Window Width	mm	200	200	250	300	350
Main Motor	HP	5	15	20	30	40
Weight	Kg	4500	7000	9500	13000	19000
Suspension	No.	1	2	2	2	2
Clutch Brake	Type	Combination	Combination	Combination	Combination	Combination

DHS Series - Single Point High Speed Blanking Press



HIGHLIGHTS

- Rigid MS Fabricated Frame for minimum angular deflection and reduced vibrations
- Left to right shaft & Shaft runs on 88/12 phos-bronze bushes in oil bath.
- 6 Gibb slide of SG 260 grade used with phos-bronze bushes as liners in slide.
- Wheel is mounted on quill & runs on anti-friction bearings.
- Digital pressure sensor ensures maximum pneumatic clutch life.
- Dynamic Counter Balances for slides.
- Combination clutch / brake.
- Inverter drive for variable speed.
- PLC based control panel with touch screen HMI - with status and fault message display.
- Total / Preset / Batch counter.
- Recirculating oil lubrication.
- Misfeed detector sockets.

SINGLE POINT SPECIFICATOINS

Model	Tonnage	DHS - 25	DHS - 40	DHS - 63	DHS - 80	DHS - 125	DHS - 160
Fixed Stroke Length	mm	40	40	40	40	40	40
SPM Variable	Min ~ Max	130 ~ 225	130 ~ 225	120 ~ 200	110 ~ 200	100 ~ 180	100 ~ 160
Die Height	mm	250	260	280	290	320	340
Slide Adjustment	mm	30	30	40	40	40	40
Bolster Area	FB x LR	450 X 450	500 x 500	560 x 560	610 x 610	660 x 660	750 x 750
Bolster Thickness	mm	70	80	90	90	100	100
Bolster Opening	As per Requirement						
Floor to Top of Bolster	mm	850	850	900	950	950	950
Side Window	Width	175	200	200	230	230	300
	Height	250	250	300	300	300	300
Main Motor	Hp	5	7.5	10	15	20	30
Air Supply	Bar	5.5	5.5	5.5	5.5	5.5	5.5

DHS Series - Two Point High Speed Blanking Press

HIGHLIGHTS

- Rigid MS Fabricated Frame for minimum angular deflection and reduced vibrations
- Left to right shaft & Shaft runs on 88/12 phos-bronze bushes in oil bath.
- 8 Gibb slide MS fabricated and duly stress relieved in two point presses & steel casted slides in single point presses are used. 88-12 phos-bronze bushes are used in guides.
- Wheel is mounted on quill & runs on anti-friction bearings.
- Digital pressure sensor ensures maximum pneumatic clutch life.
- Motorized slide adjustment for all two point presses
- Dynamic Counter Balances for slides.
- Combination clutch / brake.
- Hydraulic jam release & thread lock system imported from SANDSUN TAIWAN.
- Inverter drive for variable speed.
- PLC based control panel with touch screen HMI - with status and fault message display.
- Programmable Crank angle and SPM indicator.
- Total / Preset / Batch counter.
- Recirculating oil lubrication.
- Die height indicator.
- Misfeed detector sockets.
- Auto-stack feature incorporated in PLC.



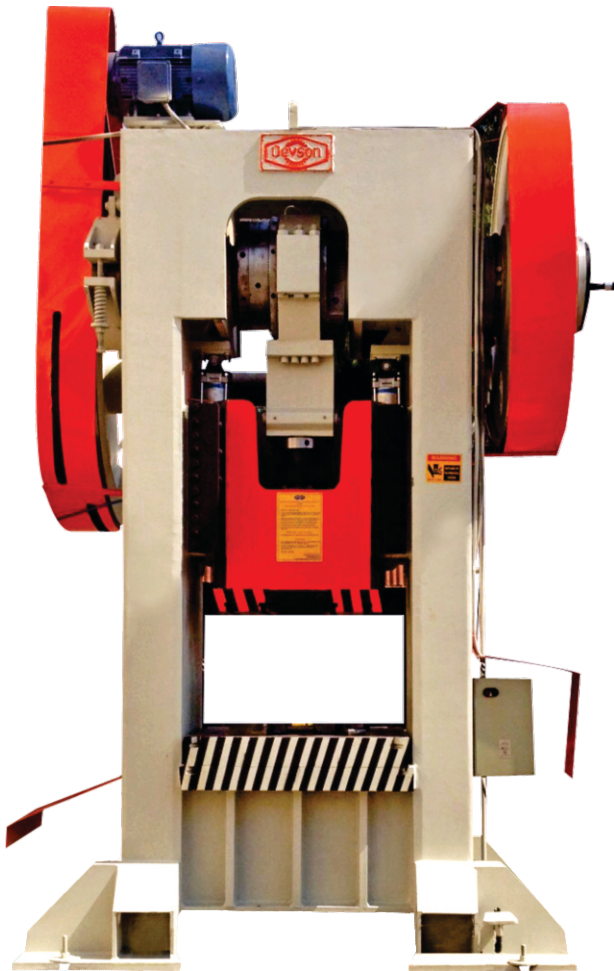
TWO POINT SPECIFICATIONS

Model	Tonnage	DHS - 63	DHS - 80	DHS - 125	DHS - 160	DHS - 200
Fixed Stroke Length	mm	30	30	30	30	30
SPM Variable	Min ~ Max	120 ~ 200	120 ~ 200	100 ~ 200	100 ~ 200	100 ~ 180
Rating Point	mm	1	1	1	1	1
Die Height	mm	330	340	360	380	400
Slide Adjustment	mm	30	30	40	40	50
Bolster Area	FB x LR	650 X 900	700 x 1000	800 x 1200	850 x 1400	900 x 1600
Side Area	FB x LR	550 x 800	600 x 900	700 x 1100	750 x 1300	800 x 1500
Bolster Thickness	mm	100	120	130	160	200
Opening in Bolster	As Per Requirement					
Floor to Top of Bolster	mm	850	900	1000	1000	1000
Side Window	Width	200	200	250	300	350
	Height	250	250	300	300	300
Main Motor	Hp	10	15	20	30	40
Air Supply	Bar	5.5	5.5	5.5	5.5	5.5



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DMP Series - H Type Mechanical Power Press



Devson Mechanical Rolling Key Clutch Power Presses – DMP Series crafted specially for high precision tools and rigid operations. With capacity Ranging from 20 to 300 Ton, Offering both C and H Type Presses with customisation options available according to tool requirement for specific operations. Its not just build, its Engineered for Superior performance.

Though it is a conventional design, but it is being made with latest material composition parts and these parts machined on latest CNC machinery like Turning, VMC, Boring etc. to give unparallel accuracy and rigidity to perform under any circumstances.

Additional Features

- High Rigidity Frame and Bolster
- Reduced Noise and Vibrations
- SG Graded Casting used for different parts
- 2062 Graded Plates used for frame.
- Parallelism and Perpendiculars' of up to 1000 mm bolster is under 40 microns

Standard Accessories

- Slide adjustment spanner
- Front, Flywheel & Gear Guard
- Knockout system

Optional Accessories

- Electrical Set (Motor + Starter + Belts)
- Motorized Automatic Lubrication unit
- PLC based two hand safety system
- Anti-vibration pads
- Counter Meter

SPECIFICATIONS

Capacity in tons	Units	30	50	75	100	150	200	250	300
Bolster Size	Left to Right Front to back	460	510	560	610	660	760	925	950
		510	560	610	660	750	810	925	975
Bolster Thickness	mm	75	90	90	100	125	125	125	125
Bolster Opening	mm	150	170	190	190	210	230	250	300
Shank Hole	mm	40	40	50	60	60	70	70	80
Stroke Length Variable	mm	90	102	114	126	152	160	178	190
Shaft Design	Type	Straight	Straight	Crank Type	Crank Type	Crank Type	Crank Type	Crank Type	Crank Type
Main Shaft-Crank Dia	mm	95	107	207	244	284	334	364	390
Rating Point	mm	2.5	3	3	4	4	4.5	5	6
Shut Height	mm	275	300	330	350	400	400	425	450
Speed	SPM	65	60	55	50	45	35	34	34
Slide adjustment	mm	30	35	40	50	50	60	70	80
Floor to top of bed	mm	820	820	850	850	900	900	950	950
Height of Machine	mm	2300	2600	2900	3200	3300	3700	3900	4100
Area (LxW)	mm	1100 X 1300	1200 X 1400	1350 X 1550	1700 X 1800	1800 X 2000	1900 X 2200	2050 X 2400	2250 X 2600
Motor Power required	Hp / RPM	3 / 1440	5 / 1440	7.5 / 1440	10 / 1440	15 / 1440	20 / 1440	25 / 1440	30 / 1440

DMP Series - C Type Mechanical Power Press



Metal Forming Solutions

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Optional Accessories

- Electrical Set (Motor + Stater + Belts)
- Motorized Automatic Lubrication unit
- PLC based two hand safety system
- Anti-vibration pads
- Counter Meter



SPECIFICATIONS

Capacity in tons	Units	20 Ton	30 Ton	50 Ton	75 Ton	100 Ton	150 Ton	200 Ton
Bolster Size	Left to right Front to Back	660	710	760	860	1000	1100	1200
		355	405	505	560	630	670	710
Bolster	mm	75	75	90	90	100	125	125
Bolster Opening Round	mm	130	150	170	190	210	250	250
Shank Hole	mm	30	40	40	50	60	60	70
Stroke Length Variable	mm	76	90	102	114	126	152	160
Shaft Type	Design	Straight Type	Straight type	Straight Type	Crank Type	Crank Type	Crank Type	Crank Type
Main Shaft-Crank Dia	mm	86	95	107	207	244	284	334
Rating Point	mm	2.5	2.5	3	3	4	5	5
Shut Height	mm	275	275	300	330	350	400	480
Strokes per minute	SPM	70	65	60	55	50	40	35
Slide adjustment	mm	25	30	35	40	50	60	60
Floor to top of bed	mm	820	820	820	850	850	900	900
Height of Machine	mm	2250	2400	2750	3000	3200	3350	3700
Area (L x W)	mm	900 x 1000	1000 x 1100	1150 x 1250	1250 x 1350	1500 x 1600	1650 x 1750	1750 x 1900
Motor Power required	Hp / RPM	3 / 1440	3 / 1440	5 / 1440	7.5 / 1440	10 / 1440	15 / 1440	20 / 1440