



Press Solutions Inc.

LP-200 Series

TWO POINT STRAIGHT SIDE PRESS



A Reputation of Excellence

...A Commitment to Innovation

DESIGN *Features*

Slide Lift System

- HYDRAULIC WITHDRAWAL
- QUICK CHANGE TOOLING
- STUCK ON BOTTOM RECOVERY
- OVERLOAD PROTECTION

Stuck on Bottom Recovery

The hydraulic withdrawal system allows you to raise the slide independent of drive shaft position. This feature makes it *impossible to stick the press on bottom dead center.*

Hydraulic Withdrawal

The hydraulic withdrawal system will give you up to *9 inches of die separation* without affecting the shut height setting. This feature simplifies die inspection and tool maintenance.

Construction

- HEAVY DUTY CAST FRAME
- FLEXIBLE DESIGN FEATURES

The cast iron crown, bed, and slide of the Oak LP-200 Series provides *superior vibration and noise dampening* compared to conventional steel frame presses. The process used to make our castings allows us to quickly and easily optimize slide and bed configurations to match the application.

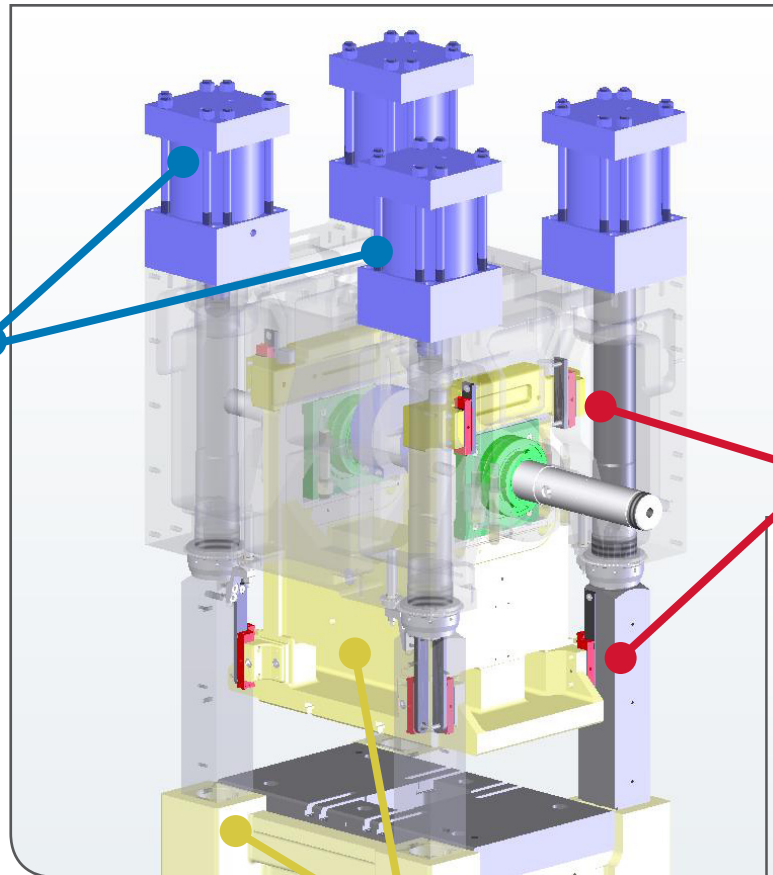
Guidance System

- 12 POINT SYSTEM
- ANTI-FRICTION ROLLER BEARINGS
- ZERO CLEARANCE GIBS
- LARGE EFFECTIVE BEARING AREA

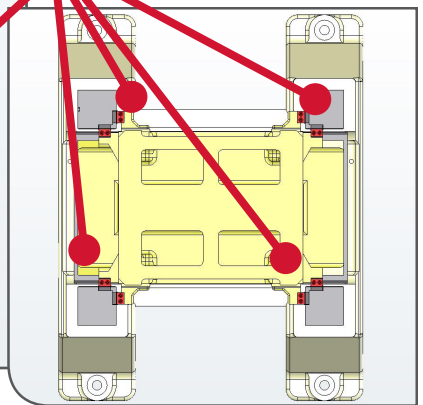
The LP Series incorporates a *12 point guidance system* on the slide.

All gibs use anti-friction roller bearings installed with *zero clearance.*

This gives the slide a very high degree of accuracy for higher quality parts and longer tool life.



TOP VIEW

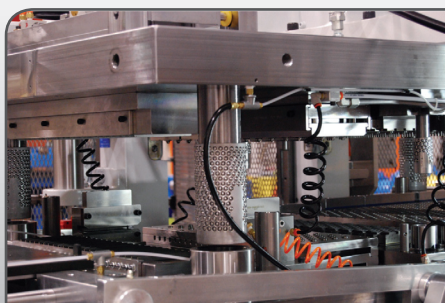


HYDRAULIC WITHDRAWAL SYSTEM

Photos are of an Oak press with 1.50" working stroke.

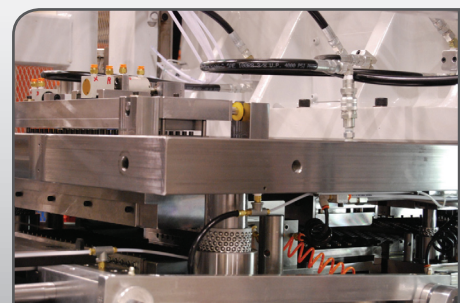
Maintenance Position:

Hydraulic Withdrawal Raised



Operating Position:

Hydraulic Withdrawal Lowered



PRESS Specifications



Imperial

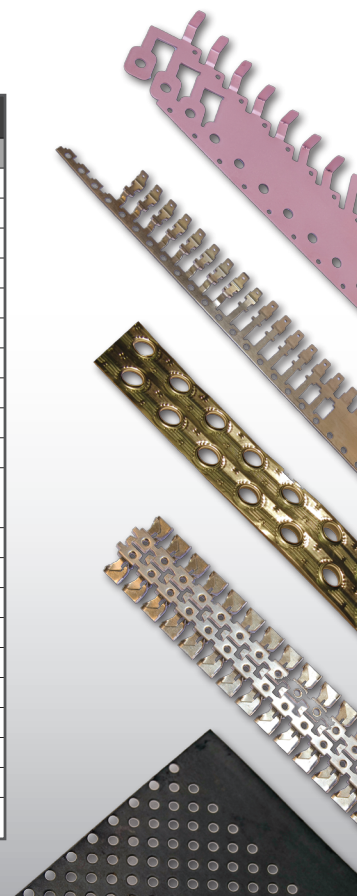
		LP-200-42	LP-200-48	LP-200-54	LP-200-60	LP-200-72
Capacity @ .063" off Bottom	tons	200	200	200	200	200
Tool Loading Area (between posts)	L-R in	42.50	48.50	54.50	60.50	72.50
Strip Inlet Width (between posts)	F-B in	32.00	32.00	32.00	32.00	32.00
Slide Area	L-R in	58.50	64.50	70.50	76.50	88.50
	F-B in	30.00	30.00	30.00	30.00	30.00
Bolster Area	L-R in	63.00	69.00	75.00	81.00	93.00
	F-B in	30.00	30.00	30.00	30.00	30.00
Shut Height	per customer specification					
Shut Height Adjustment	in	4.00	4.00	4.00	4.00	4.00
Slide lift (hydraulic withdrawl)	max. in	6.00	6.00	6.00	6.00	6.00
Stroke Length	max. in	3.00	3.00	3.00	3.00	3.00
Speed	min. spm	133	133	133	133	133
	max. spm	400	400	400	400	400
Bolster thickness	in	7.00	7.00	7.00	7.00	7.00
Distance: Floor to Top of Bolster	in	48.00	48.00	48.00	48.00	48.00
Opening in Bed **	L-R in	36.00	42.00	48.00	54.00	66.00
	F-B in	8.00	8.00	8.00	8.00	8.00
Floor Space at Feet	L-R in	69.00	75.00	81.00	87.00	99.00
	F-B in	74.00	74.00	74.00	74.00	74.00
Overall Height	in	156.00	156.00	156.00	156.00	156.00
Press Shipping Weight (est.)	lb	61,000	68,000	75,000	82,000	92,000
Main Drive Motor	hp	40.00	40.00	40.00	40.00	40.00

** custom bed openings available upon request.

Metric

		LP-200-42	LP-200-48	LP-200-54	LP-200-60	LP-200-72
Capacity @ 1.6mm off Bottom	kN	1778	1778	1778	1778	1778
Tool Loading Area (between posts)	L-R mm	1080	1232	1384	1537	1842
Strip Inlet Width (between posts)	F-B mm	813	813	813	813	813
Slide Area	L-R mm	1486	1638	1791	1943	2248
	F-B mm	762	762	762	762	762
Bolster Area	L-R mm	1600	1753	1905	2057	2362
	F-B mm	762	762	762	762	762
Shut Height	per customer specification					
Shut Height Adjustment	mm	102	102	102	102	102
Slide lift (hydraulic withdrawl)	max. mm	152	152	152	152	152
Stroke Length	max. mm	76	76	76	76	76
Speed	min. spm	133	133	133	133	133
	max. spm	400	400	400	400	400
Bolster thickness	mm	178	178	178	178	178
Distance: Floor to Top of Bolster	mm	1219	1219	1219	1219	1219
Opening in Bed **	L-R mm	914	1067	1219	1372	1676
	F-B mm	203	203	203	203	203
Floor Space at Feet	L-R mm	1753	1905	2057	2210	2515
	F-B mm	1880	1880	1880	1880	1880
Overall Height	mm	3962	3962	3962	3962	3962
Press Shipping Weight (est.)	kg	27,670	30,845	34,020	37,195	41,731
Main Drive Motor	kW	30	30	30	30	30

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With customers in over 65 countries, you can count on Oak's
Quality, Experience & Support.