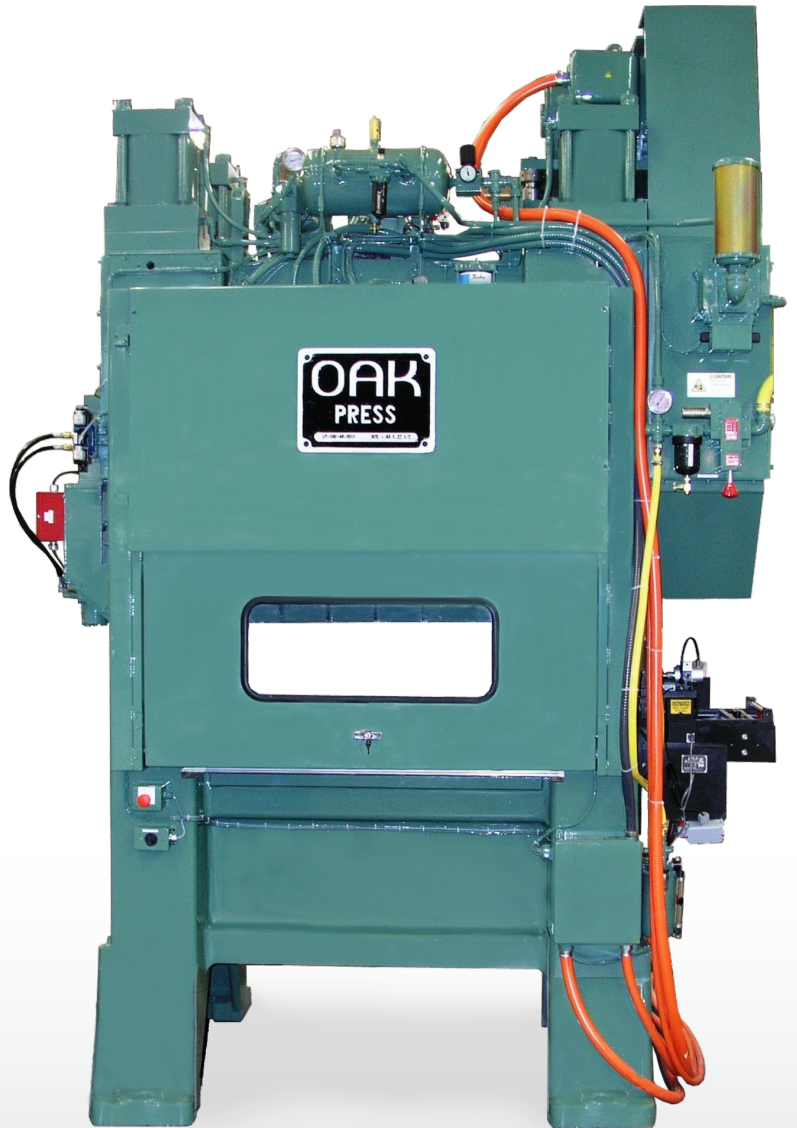


LP-150 Series
TWO POINT STRAIGHT SIDE PRESS



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 *8 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-150 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.

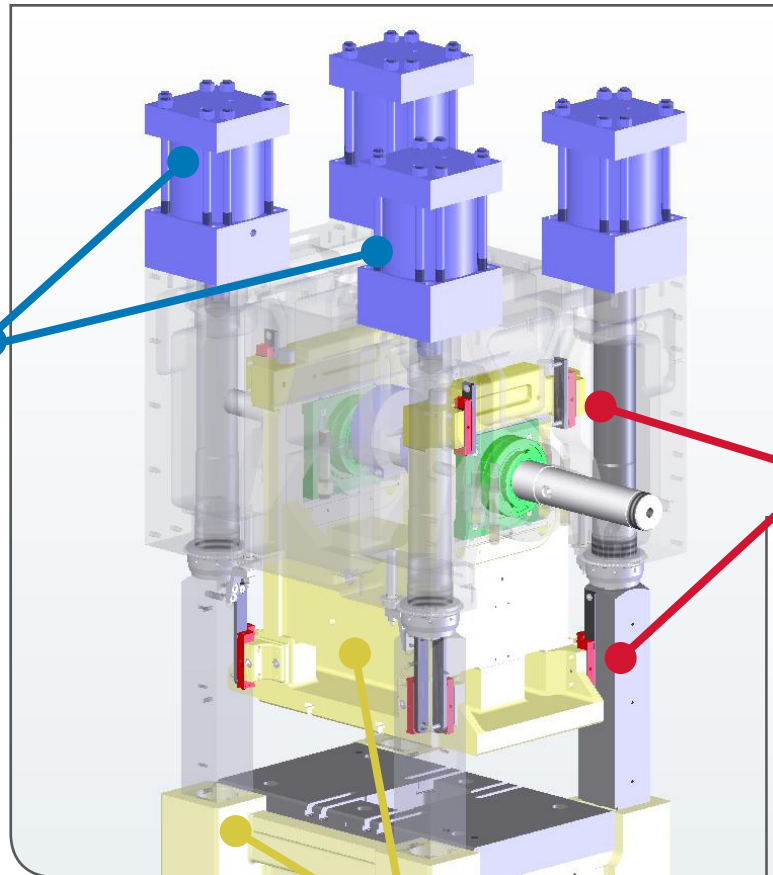
Guidance System

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

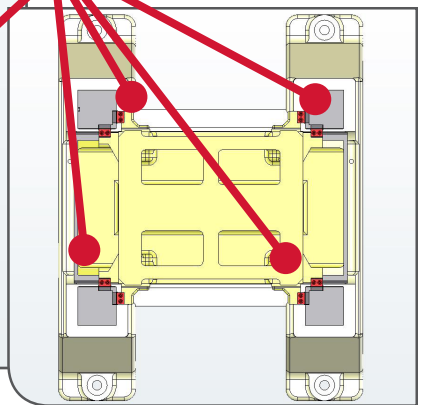
The LP Series incorporates a *12 point guidance system* on the slide.

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

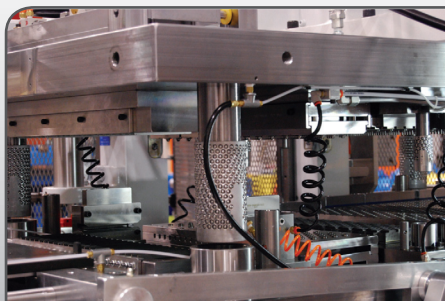


HYDRAULIC WITHDRAWAL SYSTEM

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

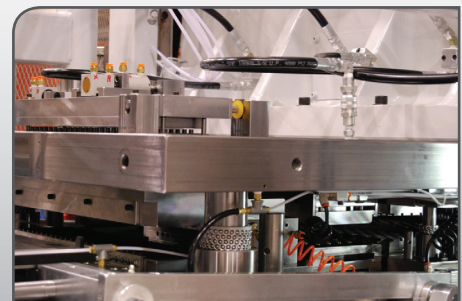
Maintenance
Position:

Hydraulic
Withdrawal
Raised



Operating
Position:

Hydraulic
Withdrawal
Lowered



PRESS Specifications Imperial



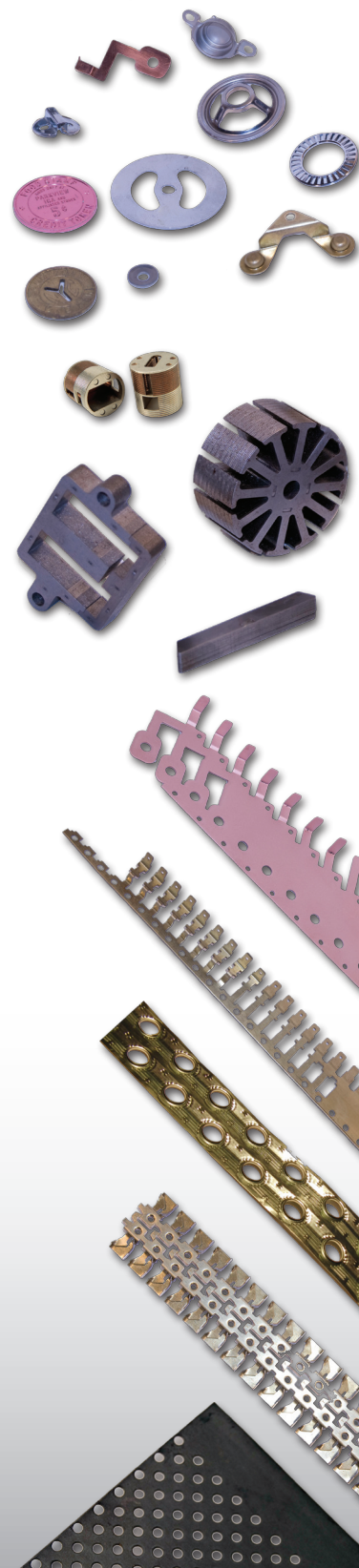
		LP-150-36	LP-150-42	LP-150-48	LP-150-54	LP-150-60
Capacity @ .063" off Bottom	tons	150	150	150	150	150
Tool Loading Area (between posts)	L-R in	36.50	42.50	48.50	54.50	60.50
Strip Inlet Width (between posts)	F-B in	28.50	28.50	28.50	28.50	28.50
Slide Area	L-R in	50.50	56.60	62.50	68.50	74.50
	F-B in	27.00	27.00	27.00	27.00	27.00
Bolster Area	L-R in	54.75	60.75	66.75	72.75	78.75
	F-B in	27.00	27.00	27.00	27.00	27.00
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	5.00	5.00	5.00	5.00	5.00
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	6.00	6.00	6.00	6.00	6.00
Distance: Floor to Top of Bolster	in	47.00	47.00	47.00	47.00	47.00
Opening in Bed **	L-R in	31.00	37.00	43.00	49.00	55.00
	F-B in	10.00	10.00	10.00	10.00	10.00
Floor Space at Feet	L-R in	59.00	65.00	71.00	77.00	83.00
	F-B in	68.00	68.00	68.00	68.00	68.00
Overall Height	in	155.00	155.00	155.00	155.00	155.00
Press Shipping Weight (est.)	lb	43,000	47,000	51,000	55,000	58,000
Main Drive Motor	hp	30.00	30.00	30.00	30.00	30.00

** custom bed openings available upon request.

Metric

		LP-150-36	LP-150-42	LP-150-48	LP-150-54	LP-150-60
Capacity @ 1.6mm off Bottom	kN	1333	1333	1333	1333	1333
Tool Loading Area (between posts)	L-R mm	927	1080	1232	1384	1537
Strip Inlet Width (between posts)	F-B mm	724	724	724	724	724
Slide Area	L-R mm	1283	1438	1588	1740	1892
	F-B mm	686	686	686	686	686
Bolster Area	L-R mm	1391	1543	1695	1848	2000
	F-B mm	686	686	686	686	686
Shut Height		per customer specification				
Shut Height Adjustment	mm	102	102	102	102	102
Slide lift (hydraulic withdrawl)	max. mm	127	127	127	127	127
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	152	152	152	152	152
Distance: Floor to Top of Bolster	mm	1194	1194	1194	1194	1194
Opening in Bed **	L-R mm	787	940	1092	1245	1397
	F-B mm	254	254	254	254	254
Floor Space at Feet	L-R mm	1499	1651	1803	1956	2108
	F-B mm	1727	1727	1727	1727	1727
Overall Height	mm	3937	3937	3937	3937	3937
Press Shipping Weight (est.)	kg	19,505	21,319	23,134	24,948	26,309
Main Drive Motor	kW	22	22	22	22	22

** custom bed openings available upon request.





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