

HOB Plating Barrel

Features of the HOB Barrel



The HOB Plating Barrel allows you to plate parts that require special care. The HOB cylinder doesn't rotate completely. Instead, it delivers a gentle rocking motion. This enables you to run small delicate parts, such as springs, that would normally suffer some damage in a conventional rotating cylinder. It is also ideal for plating long rods without tangling.

A hump on the bottom wall facilitates a less aggressive parts turnover and ensures a better distribution of parts within the cylinder.

No full rotation also means no door is required, simplifying load and unload operations.

- ◆ Doorless barrel speeds production
- ◆ Fits traditional saddles
- ◆ Interlock tab releases the cylinder for manual load and unload operations

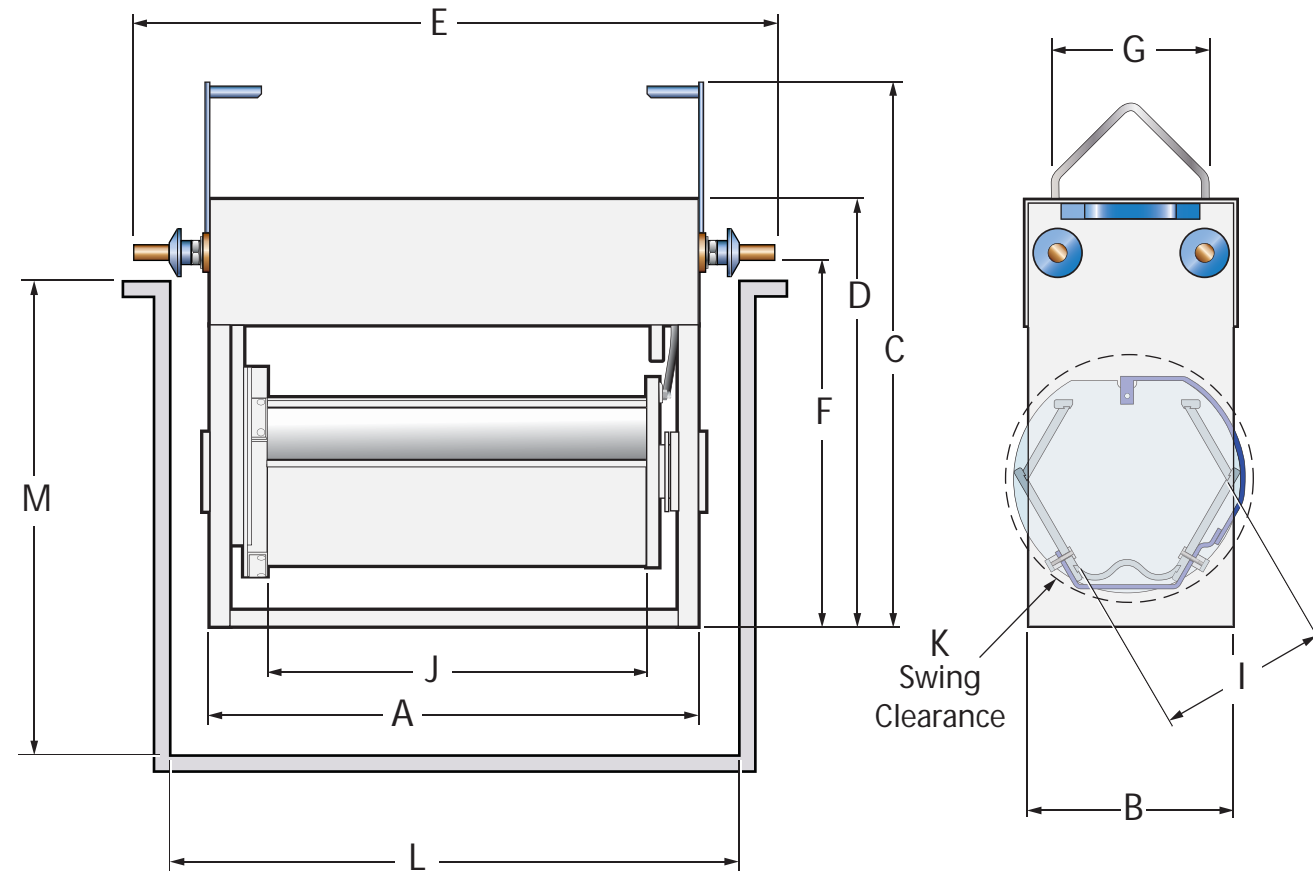


- ◆ Non-invasive contact strips prevent parts damage.

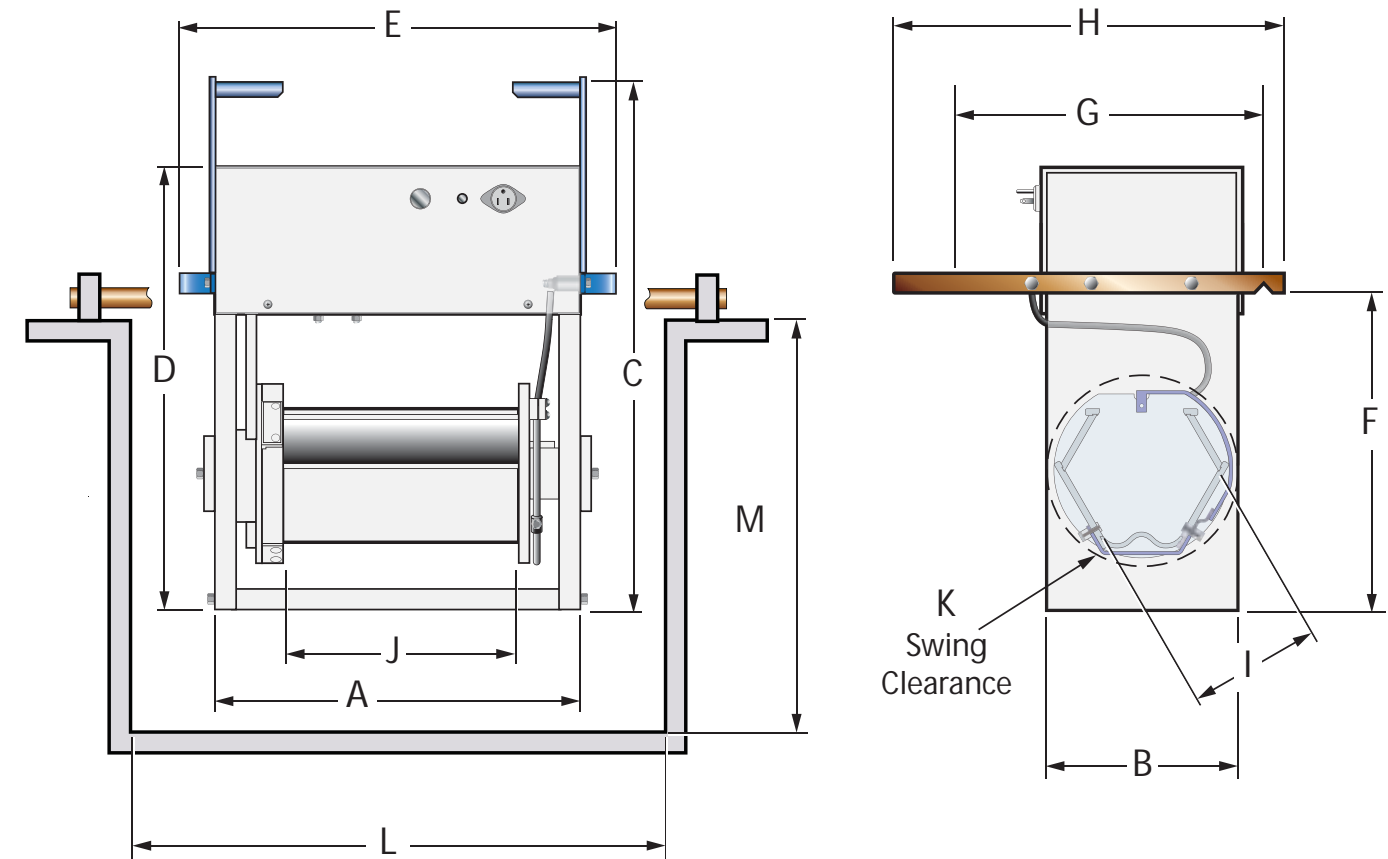


- ◆ Four adjustable positions enable you to set the degree of rotation based on load size. (See back page)

Dimensions of Various HOB Configurations



Typical HOB Barrel Configured for an Automatic Hoist



Typical HOB Barrel Configured for a Manual Hoist

Size	A		B		C		D		E		F		G		H		I		J		K		L		M		Maximum Volume		Maximum Weight	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	CU. IN.	LITERS	LBS.	KG
6 x 12	17.75	450	9.25	235	25	635	21.5	546	21.25	540	15.375	390	15	381	19	483	6	152	11.5	292	9.5	241	26	660	24	610	146	2.39	25	11
6 x 18	23.75	603	9.25	235	25	635	21.5	546	27.25	540	15.375	390	15	381	19	483	6	152	18	572	9.5	241	32	813	24	610	219	3.59	30	13
8 x 12	18	457	10.5	267	28.5	724	22.5	572	23.5	597	16	406	15	381	19	483	8	203	12	305	12.5	317	26	660	24	610	346	5.67	35	16
8 x 18	24	610	10.5	267	28.5	724	22.5	572	29.5	749	16	406	15	381	19	483	8	203	18	572	12.5	317	32	813	24	610	519	8.5	40	18
8 x 24	30	762	10.5	267	28.5	724	22.5	572	35.5	902	16	406	15	381	19	483	8	203	24	610	12.5	317	38	965	24	610	692	11.34	50	23
10 x 18	25	635	12	305	33	838	27	686	34.5	876	23	584	15	381	19	483	10	254	18	572	14.75	375	30	792	30	792	448	7.32	60	27
10 x 24	32	813	12	305	33	838	27	686	40.5	1029	23	584	10	254	22	560	10	254	24	610	14.75	375	36	914	30	792	597	9.78	70	32
10 x 30	38	965	12	305	33	838	27	686	46.5	1181	23	584	10	254	22	560	10	254	30	762	14.75	375	42	1067	30	792	747	12.24	80	36
10 x 36	44	1118	12	305	33	838	27	686	52.5	1333	23	584	10	254	22	560	10	254	36	914	14.75	375	48	1219	30	792	896	29.24	100	45
12 x 24	32	813	12	305	34	864	28	711	40.5	1029	24	610	10	254	24	610	12	305	24	620	17	432	36	914	30	792	1784	10.65	150	68
12 x 30	38	965	12	305	34	864	28	711	46.5	1181	24	610	10	254	24	610	12	305	30	762	17	432	42	1067	30	792	2230	35.54	175	80
12 x 36	44	1118	12	305	34	864	28	711	56.5	1333	24	610	10	254	24	610	12	305	36	914	17	432	48	1219	30	792	2676	43.85	190	86

How the HOB Barrel Works

OPTIONS:

- ◆ Variable speed
- ◆ Your choice of hole configurations (round, slot etc.)
- ◆ SprayThru™ configuration. This allows the Hob barrel to be used as part of a SprayThru/Rinsemaster™ system. (See below)



The SprayThru™ barrel is the heart of Hardwood Line's high efficiency SprayThru™ Plating and Rinsing systems.

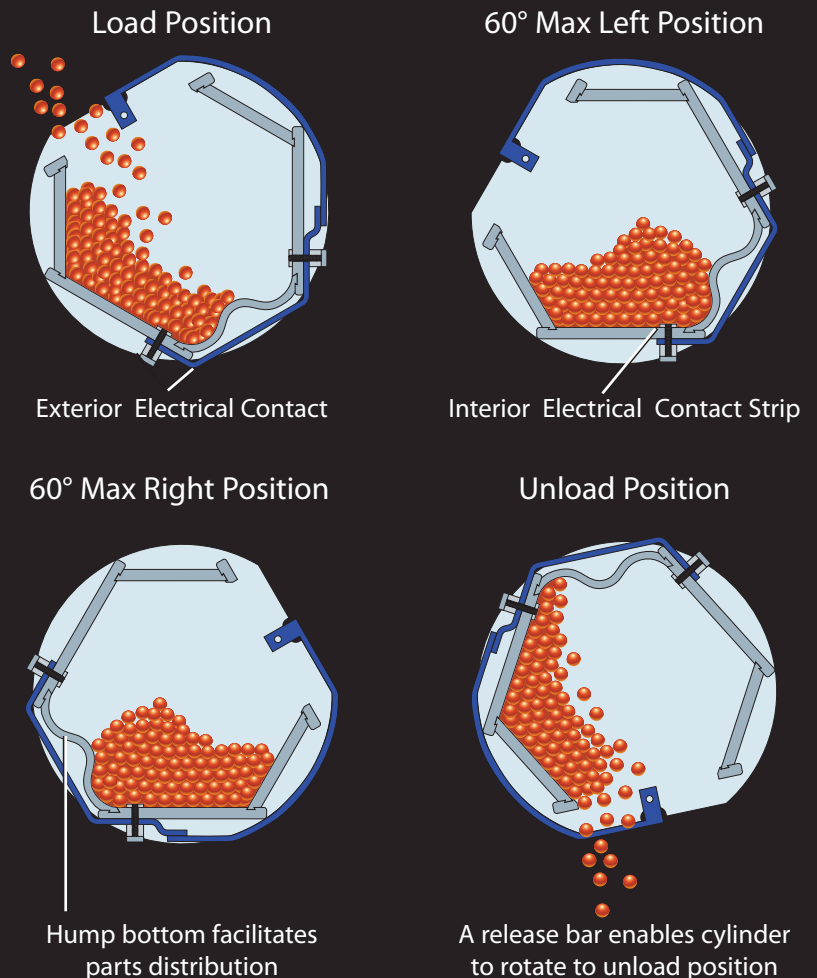
The SprayThru barrel is equipped with either an internal spray nozzle or spray bar. This enables solution or water to be sprayed directly inside the barrel. When used in a plating station, solution can be pumped directly inside the barrel. This provides a higher level of concentrated solution next to the parts during the plating cycle thereby yielding faster, higher quality plating.

The SprayThru barrel can also be utilized on all the process tanks on your line. When coupled with a RinseMaster rinsing system it delivers rinse water directly to the load.

Call for more information on SprayThru/Rinsemaster Systems.

HOB Barrel Rotation:

Adjustable arm allows you to set cylinder rotation. This adjustment would be dependent on the amount of parts in the cylinder. Preset degrees of rotation are 120°, 130°, 140° and 150°. Example below is of a 120° rotation.



For More Information,
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