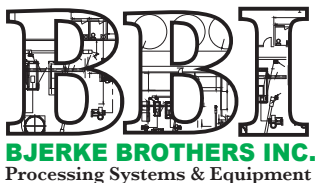
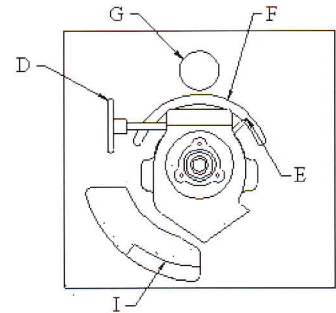
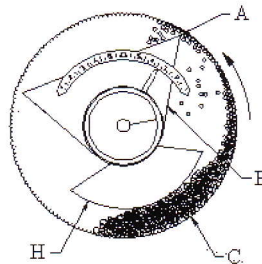


CRIPPEN NORTHLAND SUPERIOR SUPPLY CO. MULTI-CYLINDER CLEANERS



Crippen Manufacturing's - NS Series of Cylinder Cleaner is the industry's leading line of indent cylinder length separators, and offers a full range of sizes, capacities, and configurations to meet every length separation application. With a modular design and two cylinder sizes - the NS-B and the NS-S series - numerous variations are available, with capacities ranging from 160 bu/hr up to 6,000 bu/hr. Rigid enclosed frame construction and poly chain drives provide smooth, vibration free performance with low energy consumption. All Crippen Northland Superior indent separators require only routing maintenance to ensure years of trouble-free operation. All parts subject to wear are readily accessible and easy to replace. The rotating 23" or 17" diameter indent cylinder, case hardened for optimum life, is the key component of the NS series separators. Available in a wide range of "high density" indent pocket sizes, NS cylinders can remove longer or shorter material as desired to meet every separation requirement. Simple operating adjustments allow for a wide variation of products to be separated by the NS indent cylinder separators. The separating edge (A) can be raised or lowered, allowing the receiving trough (B) to catch the desired liftings of shorter grains as they drop free from the cylinder indents (C). Turning the hand wheel (D) adjusts the position of the separating edge, with the pointer (E) showing the position on the indicator dial (F). The inspection door (G) allows observation of the cylinder separation process. The liftings are transported out of the receiving trough by a screw conveyor. Grain line blades (H) connected to the bottom of the trough ensure a steady grain flow along the length of the indent cylinder. The flow of the unlifted longer material (tailings) exiting the cylinder is controlled by the adjustable retarder blade (I).



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CRIPPEN NORTHLAND SUPERIOR SUPPLY CO. MULTI-CYLINDER CLEANERS

B-Series Multi-Cylinder Separators - Machine Specifications

Cylinder Speed: 47 - 52 RPM

Model	Configuration *		Capacity ** (Wheat)		Power Requirements HP	Overall Length Inch	Overall Width Inch	Overall Height Inch	Net Weight Lbs
	Overall #H - #W	Column #S - #T	Bu/Hr	T/Hr					
NS-B6	3 - 2	2 - 1	1170	32	5	120	78	87	4800
NS-B6	2 - 3	1 - 1	1112	30	5	120	53	110	4800
NS-B8	4 - 2	2 - 2	1485	41	7.5	120	53	138	6400
NS-B9	3 - 3	2 - 1	1760	48	7.5	120	78	111	7200
NS-B12	3 - 4	2 - 1	2350	64	10	129	103	111	9600
NS-B12	4 - 3	2 - 2	2230	61	10	123	78	137	9600
NS-B15	3 - 5	2 - 1	2435	66	15	120	128	112	12000
NS-B15	5 - 3	3 - 2	2880	79	7.5 & 5	136	99	168	12500
NS-B16	4 - 4	2 - 2	2970	81	15	120	103	144	12800
NS-B20	4 - 5	2 - 2	3715	101	15	120	128	155	16000
NS-B20	5 - 4	3 - 2	3835	105	10 & 7.5	136	124	168	16700
NS-B25	5 - 5	3 - 2	4795	131	15 & 7.5	139	149	168	21000
NS-B30	5 - 6	3 - 2	6000	163	15 & 10	136	174	170	25000

* H = # High (Rows), W = # Wide (Columns); S = Splitting Rows, T = Tailing Rows

** Capacities for Series Flows

Standard Features:

- A wide choice of parallel or series flow configurations available.
- Long wearing case hardened and reversible cylinder shells.
- Indent pocket sizes available in a wide range of sizes.
- Receiving trough adjustment for precise separation; dump position for complete clean-out
- Retarder adjustment to maintain desired grain level.
- All controls accessible and easy to operate.
- Dual-drive configuration for 5-row high models.
- Poly drive belts for smooth performance and long life; no lubrication; maintenance free.
- All wear components are readily accessible and easy to change.
- Cylinder wear-bands on discharge end of cylinder.

S-Series Multi-Cylinder Separators - Machine Specifications

Cylinder Speed: 56 RPM

Model	Configuration *		Capacity ** (Wheat)		Power Requirements HP	Overall Length Inch	Overall Width Inch	Overall Height Inch	Net Weight Lbs
	Overall #H - #W	Column #S - #T	Bu/Hr	T/Hr					
NS-S8	4 - 2	2 - 2	1375	38	5	116	45	118	5800
NS-S15	3 - 5	2 - 1	2720	74	10	116	108	101	10800
NS-S16	4 - 4	2 - 2	2750	75	10	116	87	125	11600
NS-S20	4 - 5	2 - 2	3440	94	10	116	108	118	14000
NS-S24	4 - 6	2 - 2	4130	113	15	116	129	118	17500
NS-S25	5 - 5	3 - 2	4440	121	10 & 7.5	134	108	146	18000

* H = # High (Rows), W = # Wide (Columns); S = Splitting Rows, T = Tailing Rows

** Capacities for Series Flows

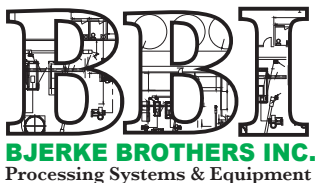
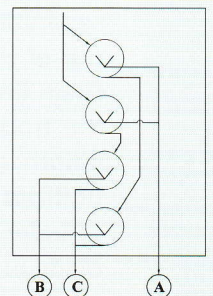
Optional Features:

- Custom spouting configurations.
- Stainless steel, ceramic or urethane spouting liners for longer life.
- Cross screw conveyors from discharge spouts.
- Actuator controlled trough adjustment system.
- Nickel plated cylinder shells.

A Small & Medium Grain

B Large Grain

C Oats



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