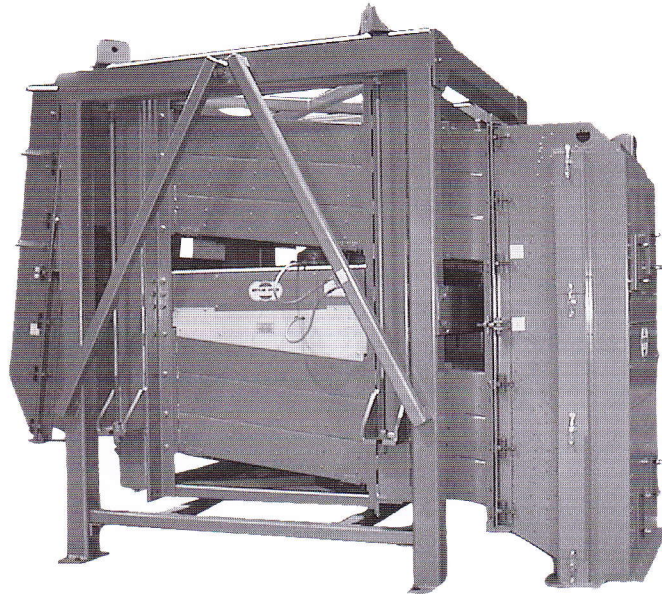


CRIPPEN NORTHLAND SUPERIOR SUPPLY CO. ROTARY SCREEN CLEANERS



Crippen Manufacturing continues to expand the **Crippen Northland Superior** line of rotary screen cleaners to meet the changing demands of its worldwide customer base.

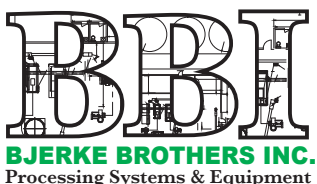
From wheat, oats, malt barley, canola and flax to chickpeas, lentils, corn, soybeans, grass seed, feed pellets to wood chips, metal stampings and rubber.....Crippen Northland Superior's extensive selection of models provide the optimum Scalping and Sifting solutions for your pre-cleaning, precision cleaning, sizing, grading or plumping applications.

Full width feed, controlled product flow, remote deck selection, large screen area and robust construction are features that have established Crippen Northland Superior Rotary Screeners as the top choice for hundreds of repeat customers. Closed and open circuit aspirators and rubble decks combine with the rotary screen cleaner to provide operating flexibility, and value added processing to Export Grain Terminals, Feed, Seed, Pulse Plants and Milling operations.

The superior rotation speeds on the NS rotaries, allow for a maximum presentation of screen surface to grain and thus, much higher capacities than possible from conventional screen separators.

In nearly all cases, a rotary motion obtains the highest possible throughput of product per unit of screen area. As the particles travel down the sieve, the rotary motion allows for lateral, diagonal and longitudinal separation through varying screen openings and layers.

By utilizing the latest available technology, Crippen Northland Superior has set a new standard in rotary screen separation. The NS series of high quality, rotary screen cleaners are truly today's leaders in capacity, versatility and performance.



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Parallel Flow Rotaries: Series 88 & 120

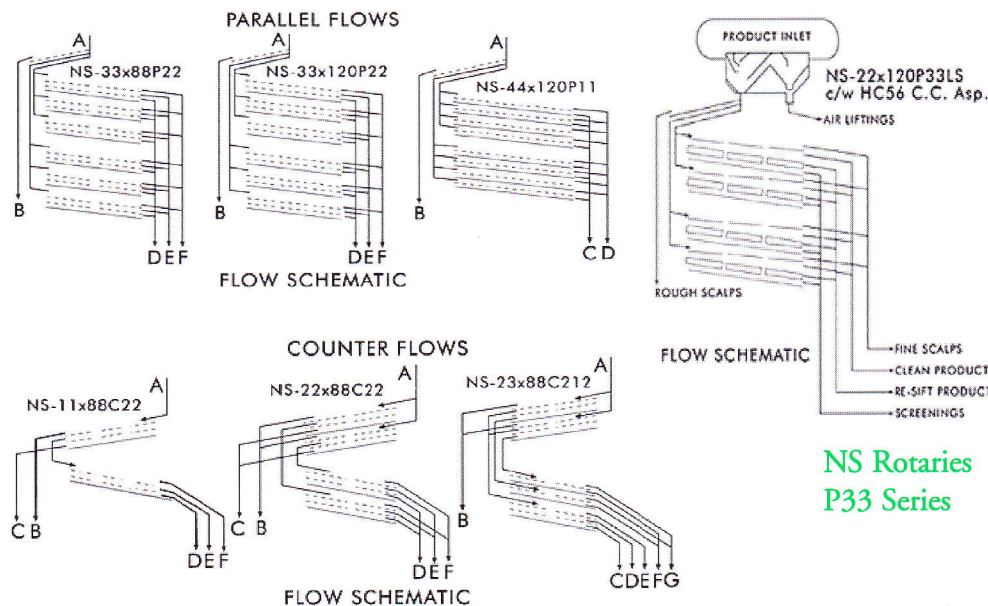
Model	Motor H.P.	Weight (lbs.)	Total Screen Area (sq. ft.)	Shoe Depths Inch	Length Inch	Width Inch	Height Inch
NS-20X88P20	5	8000	132	19 1/8	119	93	79
NS-22X88P22	7.5	13000	264	19 1/8	124	97	101
NS-33X88P22	10	16500	396	28 11/16	134	97	131
NS-22X120P22	10	17000	360	20 7/8	157	103	104
NS-33X120P22	15	21000	540	31 5/16	180	103	122
NS-44X120P11	15	21000	360	31 5/16	165	103	122
NS-22X120P33	10	17000	540	20 7/8	157	103	104
NS-33X120P33	15	21000	810	31 5/16	180	103	122

Counter Flow Rotaries: Series 88 & 120

Model	Motor H.P.	Weight (lbs.)	Total Screen Area (sq. ft.)	Shoe Depths Inch	Length Inch	Width Inch	Height Inch
NS-11X88C22	5	9200	132	9 9/16	129	93	71
NS-22X88C22	7.5	13000	264	19 1/8	124	97	90
NS-23X88C212	7.5	14000	264	19 1/8	137	97	90
NS-33X120C22	15	21000	540	28 3/4	166	103	122

Flow, Deck & Screen Combinations:

There are 2 basic flow combinations for the new NS series rotary screen cleaners, parallel flow for high capacity applications, and counter flow for more precise separations where increased screen retention is required. Out of these two basic flows are many variations of scalp / sift combinations that allows the NS series of rotary screen cleaners the flexibility to meet all customers needs in capacity, reliability, economy and separation.



Standard Features:

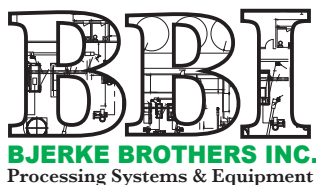
- Heavy gauge construction
- Stress relieved weldments
- Orbiting screen action for superior screen capacity
- Parallel or counter flow deck configurations
- Low maintenance suspension rods with heavy duty universal joints
- Heavy gauge internal spouting for enhanced wear resistance
- Positive securing of screen frame to shoe
- Uniframe screen construction to ensure correct dimension between ball & screen, allowing maximum cleaning action
- Inspection doors & sampling ports

Optional Features:

- Additional rough scalping or fine scalping capabilities on one of the following:
 - Standard rubble deck
 - Extended rubble deck
- 5° to 8° pitch depending on application
- Open and closed circuit scalper aspirators
- Open and closed circuit aspirators
- Pneumatic controlled feed and deck selection controls
- Wood or metal ball boxes
- Bolted - removable wear liners
- Vibration monitoring switches
- Stainless steel pan liners
- Variable stroke settings

Model Code

- 2 No. of upper decks
2 No. of lower decks
120 Deck size: 120" Long
P Flow Configuration: P = Parallel Flow • C = Counter Flow
2 No. of screens in each upper deck
2 No. of screens in each lower deck



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