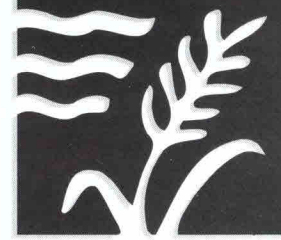
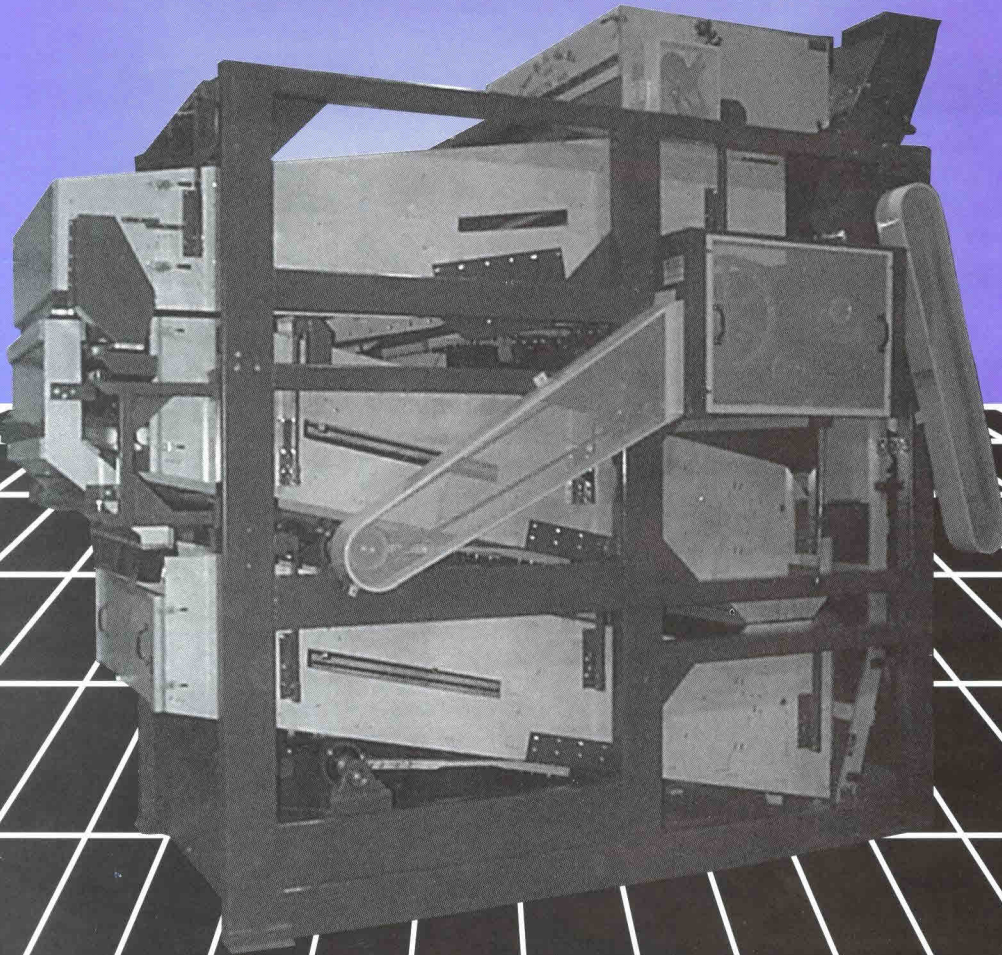


# THE DAKOTA SERIES



**CRIPPEN**



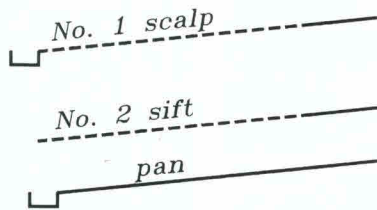
Dakota 688 2 + 4

## FEATURING

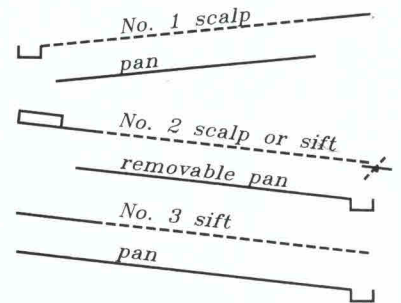
- Exclusive "Over-the-Top" Roll Feed Hopper
- Low Maintenance Ball Tray Screen Cleaning System
- Adjustable Speed Screen Shake
- Multi-Flow Screen Configurations - Built In
- Independent Air Separations
- All Spouts 100% Self-Cleaning - No Augers
- U.S. Standard Components and Drives
- Screens and Replacement Parts Always in Stock at Factory for Prompt Delivery
- All Screens Interchangeable
- Heavy Duty Tubular Steel Frames
- High Grade Bearings; Self Aligning, Anti-friction & Dustproof
- Laminated Hardwood Wood Components
- Designed and Built in the U.S.A.
- Highest Quality American Workmanship - A Crippen Standard

# The Leader In Air/

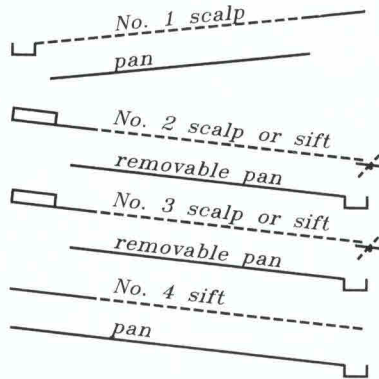
## DAKOTA 288



## DAKOTA 388

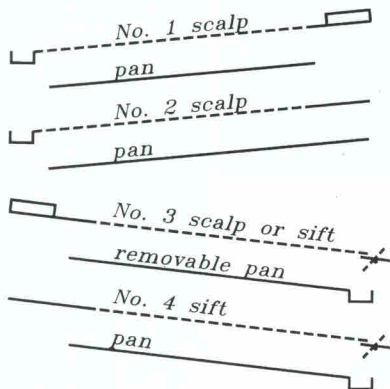


## DAKOTA 488



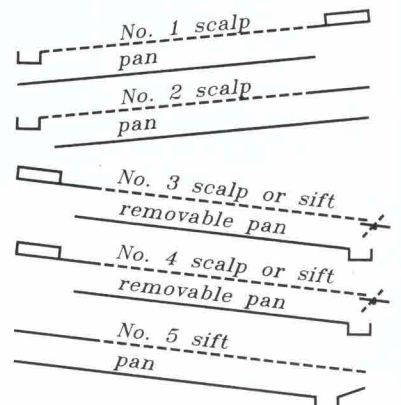
## DAKOTA 488 2+2

DAKOTA-488 2+2



## DAKOTA 588

DAKOTA-588



# Screen Innovation And Tec

## \* **Most Precise Air Separation in the Industry**

Powerful fans with enough air volume for the toughest applications. Unique independently adjustable air volume controls that allow the operator to easily and accurately calibrate air systems using only the amount of air necessary for a precise separation. Crippen air systems provide a much cleaner working environment around the machines due to the total available air volume and efficiency of the air systems. Minimize your good product loss with the accuracy and efficiency of the proven Crippen air system.

## \* **Pioneer of the Independent Ball Tray Screen Cleaning System**

Patented ball tray screen cleaning system that allows screen removal without removal of ball trays. Unique ball tray design features intercrimped wire retainer that does not have ledges for product hang up.

## \* **Screen Flow Configuration**

Crippen's versatile screen flow configurations provide many cleaning options. Our counter-flow screen configuration and flow splitting prior to reaching screen allow maximum screening efficiency due to reduced product depths and 100% utilization of screen area. Crippen's flow configuration allows for separate parallel scalping screens at a 7 degree pitch, and separate parallel sifting screens at a 12 degree pitch. Our field test results have proven that these screen pitches maximize both scalping and sifting efficiency. Crippen offers the widest range of flow patterns available in the industry. Our wide range of available flow patterns and screen area ensure a perfect fit to your application, rather than forcing you to match your application to a machine.

## \* **Adjustable Speed Screen Shake**

Because we feel strongly about the ability to control product flow and screen resonance time, adjustable screen shake is a standard feature on every Crippen machine.

## \* **Feed Hopper**

Proven, Over-the-Roll feed hopper prevents mechanical damage by eliminating pinch points. The exclusive, staggered feedroll provides a uniform flow rate into the air systems without pulsating, even in the toughest applications.

# Technology Since 1924

r/s

## DAKOTA 688 3+3

- No. 1 scalp removable pan
- No. 2 scalp removable pan
- No. 3 scalp pan
- No. 4 scalp or sift removable pan
- No. 5 scalp or sift removable pan
- No. 6 sift pan



## DAKOTA 688 2+4

- No. 1 scalp pan
- No. 2 scalp pan
- No. 3 scalp or sift removable pan
- No. 4 sift pan
- No. 5 scalp or sift removable pan
- No. 6 sift pan

## DAKOTA 788

- No. 1 scalp removable pan
- No. 2 scalp removable pan
- No. 3 scalp pan
- No. 4 scalp or sift removable pan
- No. 5 sift removable pan
- No. 6 scalp or sift removable pan
- No. 7 sift pan

## DAKOTA 888 2+6

- No. 1 scalp removable pan
- No. 2 scalp pan
- No. 3 scalp or sift removable pan
- No. 4 scalp or sift removable pan
- No. 5 sift pan
- No. 6 scalp or sift removable pan
- No. 7 scalp or sift removable pan
- No. 8 sift pan



## DAKOTA 988 3+6

- No. 1 scalp removable pan
- No. 2 scalp removable pan
- No. 3 scalp pan
- No. 4 scalp or sift removable pan
- No. 5 scalp or sift removable pan
- No. 6 sift pan
- No. 7 scalp or sift removable pan
- No. 8 scalp or sift removable pan
- No. 9 sift pan

CRIPPEN DAKOTA SERIES SPECIFICATIONS



MODEL NUMBER	NO. OF SCREENS	SCREEN SIZE (IN / MM)	TOTAL AREA (FT / M)	AVERAGE CAPACITY (BPH)	AVERAGE CAPACITY (MTPH)
Dakota 288	2	(54"x88" / 1372x2235)	66 / 6.13	1500	40.9
Dakota 388	3	(54"x88" / 1372x2235)	99 / 9.20	2000	54.6
Dakota 488	4	(54"x88" / 1372x2235)	132 / 12.26	3000	81.8
Dakota 488/2+2	4	(54"x88" / 1372x2235)	132 / 12.26	2000	54.6
Dakota 588	5	(54"x88" / 1372x2235)	165 / 15.33	3000	81.8
Dakota 688/3+3	6	(54"x88" / 1372x2235)	198 / 18.39	3000	81.8
Dakota 688/2+4	6	(54"x88" / 1372x2235)	198 / 18.39	4000	109.1
Dakota 788	7	(54"x88" / 1372x2235)	222.8 / 20.7	4000	109.1
Dakota 888/2+6	8	(54"x88" / 1372x2235)	264 / 24.53	6000	163.6
Dakota 988/3+6	9	(54"x88" / 1372x2235)	297 / 27.59	6000	163.6

MODEL NUMBER	POWER (HP/kw)	# OF FANS	AIR VOLUME (CFM/CMH)	LENGTH (IN/MM)	WIDTH (IN/MM)	HEIGHT (IN/MM)
Dakota 288	10 / 7.5	1	4500 / 7650	120 / 3048	85 / 2159	79 / 2007
Dakota 388	10 / 7.5	2	9000 / 15300	155 / 3937	85 / 2159	104 / 2642
Dakota 488	10 / 7.5	2	9000 / 15300	155 / 3937	85 / 2159	119 / 3023
Dakota 488/2+2	10 / 7.5	2	9000 / 15300	164 / 4166	85 / 2159	121 / 3074
Dakota 588	10 / 7.5	2	9000 / 15300	167 / 4242	85 / 2159	130 / 3302
Dakota 688/3+3	15 / 11.0	2	9000 / 15300	171 / 4344	85 / 2159	151 / 3836
Dakota 688/2+4	15 / 11.0	2	9000 / 15300	185 / 4699	85 / 2159	151 / 3836
Dakota 788	15 / 11.0	2	9000 / 15300	186 / 4725	85 / 2159	173 / 4395
Dakota 888/2+6	15 / 11.0	2	9000 / 15300	191 / 4852	85 / 2159	179 / 4547
Dakota 988/3+6	20 / 15.0	3	13500 / 22900	197 / 5004	85 / 2159	203 / 5157

- Capacities indicate the approximate high tolerance market cleaning capacity based on wheat. Capacities will vary depending on impurities to be removed and the desired quality of the finished product.