

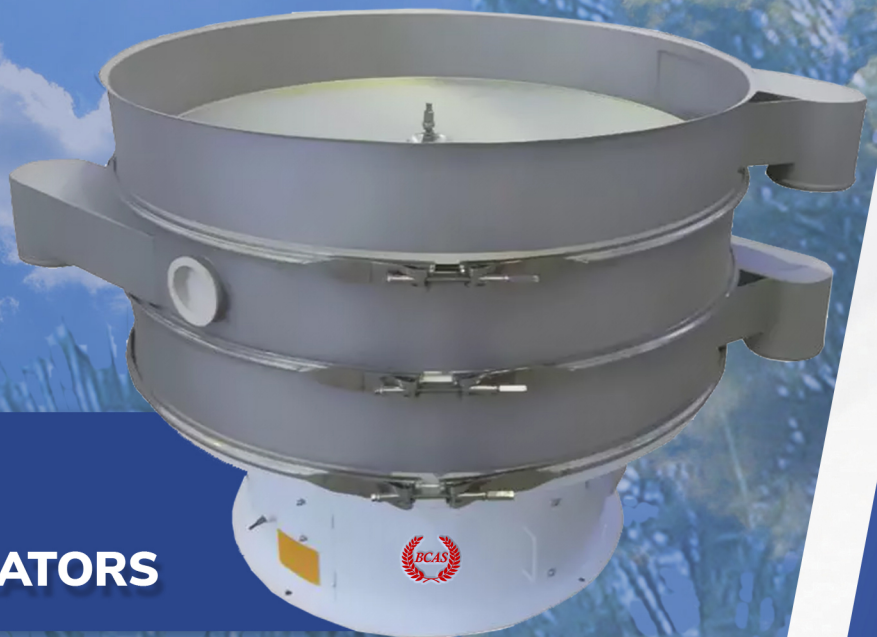


Authorized Distributor
PT. BUDIJAYA CEMERLANG ABADISEJAHTERA

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SALES - SERVICE - PARTS

YOUR PARTNER FOR GREEN & PROFIT SOLUTION



BCAS
VIBRATORY SEPARATORS



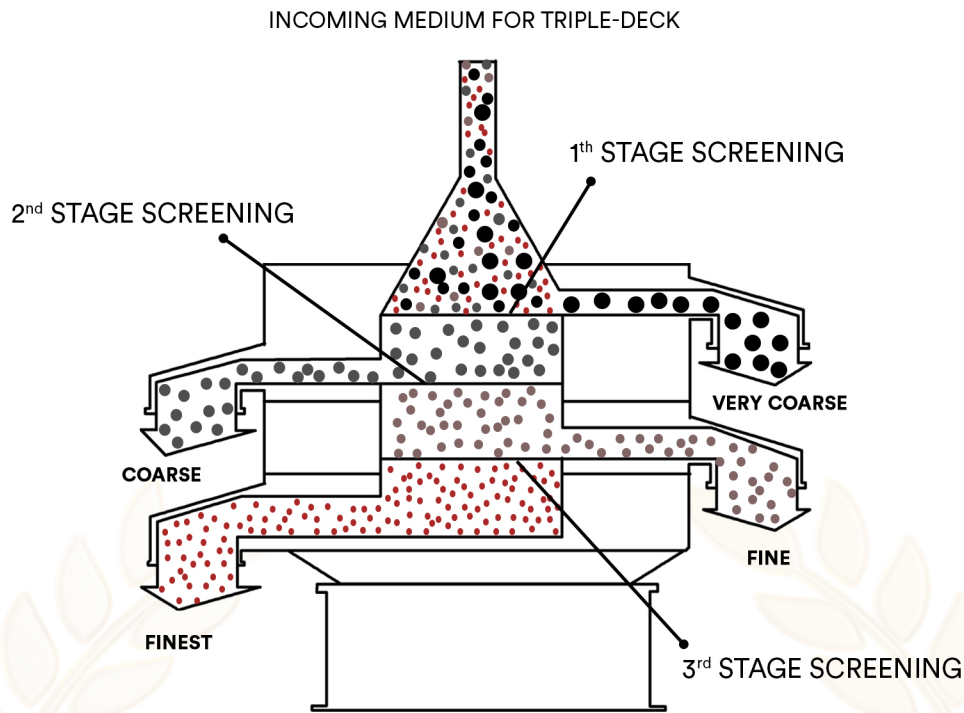
WAREHOUSE

Jl. Sangir Talaud I KIM IV, Desa Pematang Johar, Kec. Labuhan Deli Kab. Deli Serdang,
Medan, Sumatera Utara Telp. : (061) 4273 1118 | Fax. : (061) 4273 1119

SCAN ME



for further information



WHY BCAS VIBRATING SCREEN ?

BCAS Vibrating Screen is built to answer our customer's needs for low maintenance cost, low power consumption, and longer life-time to keep their operational budget as low as BCAS can.

- I. Designed by world-class manufacturer, it gives simple and effective solutions for screening to perfection.
- II. Constructed by top quality selected materials and certified engineers, BCAS Vibrating Screen able to take dry or wet medium even use at harsh environment.
- III. The efficiency and consistency throughput take one step ahead for our BCAS Vibrating Screen that might not easily replace by any others brand regarding of quality and longer life-time.

FEATURES:

1. Sturdy and smooth vertical motion accelerates the separation of oil from unwanted solid or separation of dilute liquid from viscous liquid through screen cloth.
2. 3-way vibration simultaneously: vertically, horizontally and tangentially. The adjustable weights on the upper and lower end of motor shaft produce dynamic vibration which consists of horizontal, vertical and tangential motions. The relation of the lower weight to the upper weight can be adjusted to control the spiral screening pattern. This unique motion provides a degree of screening capacity and efficiency superior to any other screening machine. By controlling the phase angles of those weights, our round separator will be able to provide several types of grain flow.
3. Various product can easily handle by our BCAS Vibrating Screen as:
 - Wet or Dry
 - Heavy or Light
 - Coarse or Fine
 - Hot or Cold
 - Watery or Thick Liquid

THE TECHNOLOGY

DRIVE MOTOR:

It has two types of vibrator motor can be chosen, Direct Drive Motor or Indirect Drive Motor. They have been widely proven by our customers for easy maintenance and low power consumption, The motor not only deliver superb performance in sieving, but it is also highly efficient and consistent.

Especially for Palm Oil Mill customers, we recommend Indirect Drive Motor if they are located away from town with less accessible to spare parts.

The motor takes important parts to keep BCAS Vibrating Screen runs smoothly, therefore, we always keep our spare-parts production in stock and maintaining the prices "as low as a bag of chips"

CONSTRUCTION :

- Clamping system made by solid ring structure
- 100% parts in contact with medium are made of Stainless Steel, SS 304
- Sand blasted or mechanical polished uses for contact parts with surface finishing
- Electrical motor vibrator, Class F insulation

WHAT BCAS VIBRATING SCREEN HAS TO OFFER:





- Numerous Capacity to choose from:**
Infinity vibrating screen has capacity available from 30 up to 60 inch to suit customers need in order to achieve maximum throughput.
- Longer Performance for Life span**
Only use selected high-quality materials combined with precise welding technology keeping the unit perform maximum throughput without worrying downtime.
- Low Cost of Maintenance**
All moving parts are designed to against jammed, blocking, or others malfunction issues, these are resulting in low maintenance cost and prevent operation down time for better productivity.
- Higher Reliable Motor**
With long lasting bearing and material allows motor to work freely and continuously under a harsh environment. The motor generate higher centrifugal force with less horse power input and automatically reduce electricity cost.
- Types of Decks**
Infinity has configurable deck to choose from, from a single-deck up to three-deck or even four-deck to suit our customer requirement.

READY STOCK FOR SEPARATOR PARTS & COMPONENTS :



Type : Direct Motor Type								
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Electrical Power (HP)	Mesh Surface (M2)
BCAS30	800	765	620	380	670	500	0.7	0.86
BCAS48	1200	1220	970	540	876	755	2.5	1.12
BCAS60	1500	1220	970	540	1085	755	2.5	1.73

Type : In-Direct Motor Type								
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Electrical Power (HP)	Mesh Surface (M2)
BCAS48-ID	1200	1505	1255	825	876	1040	4	1.12
BCAS60-ID	1500	1505	1255	825	1085	1040	4	1.73
BCAS72-ID	1800	1505	1255	825	1280	1040	5.5	2.54

Materials Flow Direction	Phase	Features	Main Applications
	5°	The materials from the center go straightly to the circumference	General classification speedy sifting for the easy sreenable materials
	15° UPPER LOWER	Starting the whirlpool motion	For the ordinary sifting operation
	45°	The longest whirlpool motion	Precision classification for the fine powder, high condensation material, and the much hydrated materials
	100°	Materials concentrate to the center	Others

COMPANY PROFILE

PT. BUDIJAYA CEMERLANG ABADISEJATERA



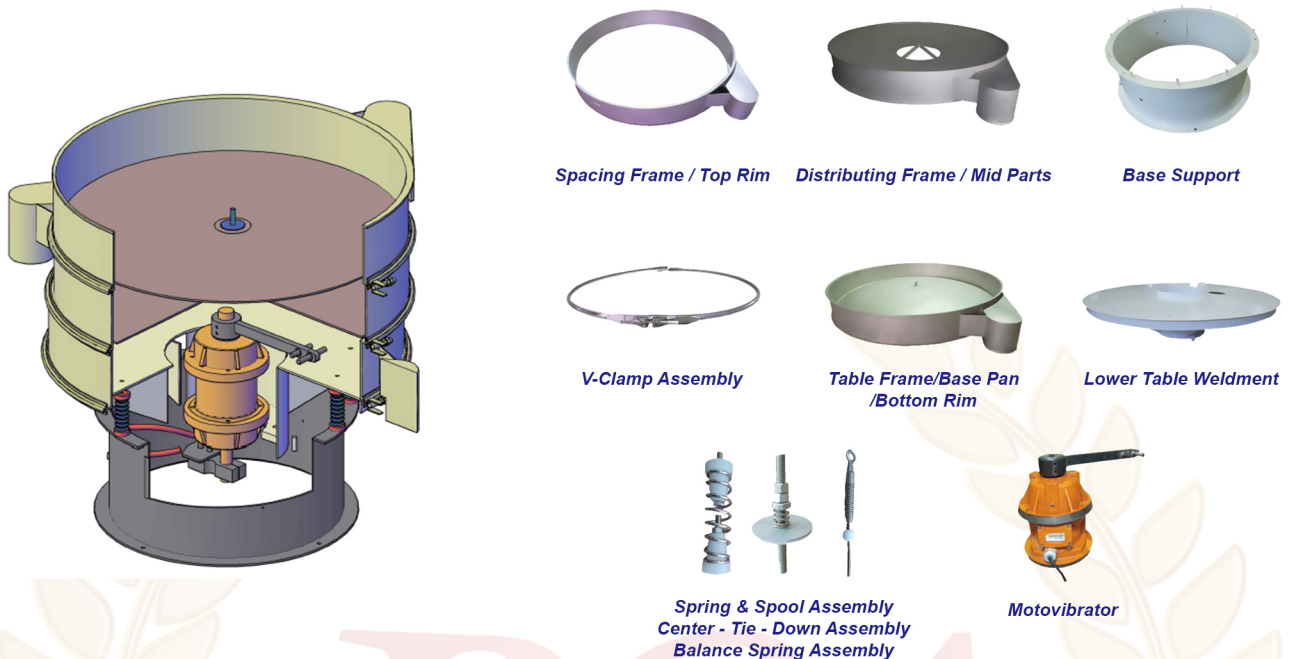
Our Vision :
"YOUR PARTNER FOR GREEN AND PROFIT SOLUTION"

Our Mission :
Always provide our customers with profitable-owned machineries, helping to solution, offering state-of-the-art technologies, providing highest-standard service, competitive pricing, and innovative control solutions. We always welcome to solve any unsolved problems at your processing plant in order to achieve the highest trust and exceed customer

Our Strenght :
Start strong in 2021 with over 15-years experienced solution-provider team, BCAS will continuously growth on trust form our customers, provide solution for green working environment, increase huge-profit from our high-standard machineries, and refining innovation for integrated process and control.

Our Product :
From Integrated Automation System to Empty Bunch Press, these products are specially designed to Boost Your Profit at Palm Oil Mills, in addition, we have Robust Mixer Agitator and Sturdy Flexible Hose are 'Free-worries' products for your Refineries, Bulking and Oleo-chemical Plant, pulp & paper and sugar

ALPHASCREEN ROUND SEPARATOR PARTS & COMPONENTS :



Type : Direct Motor Type

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Electrical Power (HP)	Mesh Surface (M2)
AS30	800	765	620	380	670	500	0.7	0.86
AS48	1200	1220	970	540	876	755	2.5	1.12
AS60	1500	1220	970	540	1085	755	2.5	1.73

Type : In-Direct Motor Type

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Electrical Power (HP)	Mesh Surface (M2)
AS48-ID	1200	1505	1255	825	876	1040	4	1.12
AS60-ID	1500	1505	1255	825	1085	1040	4	1.73
AS72-ID	1800	1505	1255	825	1280	1040	5.5	2.54

AlphaScreen Round Separator Action & Principle

Materials Flow Direction	Phase	Features	Main Applications
	5°	The materials from the center go straightly to the circumference	General classification speedy sifting for the easy sreenable materials
	15° UPPER LOWER	Starting the whirlpool motion	For the ordinary sifting operation
	45°	The longest whirlpool motion	Precision classification for the fine powder, high condensation material, and the much hydrated materials
	100°	Materials concentrate to the center	Others