

1 PSC POWER SCREW



** General

PSC POWER SCREW is a screw conveyor with no axis. It has a special feature, which allows conveying of materials that are hard to handle, such as adhesive materials and materials that may become easily entwined.

** Main Features

1. Thick strong special steel is used for spiral screw
A 30 metre screw can be operated with a single motor
2. Lack of intermediate axis means no chance of breakage of the intermediate bearing
3. Less mechanical wear, due to resin bores (resin liners)
4. Easy and speedy replacement of resin bores (resin liners)
5. Horizontal and vertical layouts
6. Dust-tight and waterproof, and no odor or leakage
7. Material size should be within screw interval pitch

** Standard models and capacity

** PSC100 (screw diameter : 120mm) – PSC400 (screw diameter : 420mm) ... 5 sizes

** 1.5m³/h (PSC100 r=30r/m) – 41.9m³/h (PSC400 r=20r/m)

2 FC FLOW



** General

TSUBAKI FC FLOW is a continuous flow conveyor, appropriate for powdery or granular materials, such as cement, chemicals and fertilizer to be conveyed smoothly with a continuous chain running motion.

** Main Features

1. Compact and economical
2. Possible to install multiple inlets and outlets
3. Easy maintenance
4. Dust-tight and waterproof

** Standard models and capacity

** FC150 (inner width of the casing : 150mm) – FC580 7 sizes

** 8m³/h (FC150 S=10m/min.) – 450m³/h (FC580 S=30m/min.)

3 FK FLOW



** General

TSUBAKI FK FLOW is suitable for handling a large amount of grain on a horizontal layout. It can be used at grain silos, food and flour mills, or oil and feed plants.

** Main Features

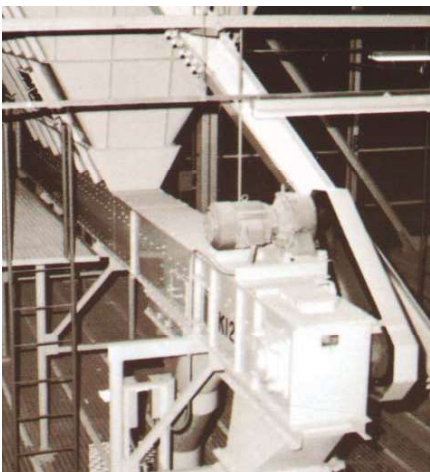
1. Chain specially designed for FK FLOW is used
2. Vinylon cleaners are attached every six metres
3. Possible to convey on a moderately inclined layout

** Standard models and capacity

** FK150 (inner width of the casing : 150mm) – FK600 9 sizes

** 40m³/h (FK150 S=30m/min.) – 1,100m³/h (FK600 S=55m/min.)

4 FF FLOW



** General

TSUBAKI FF FLOW is suitable for handling low abrasive powders or granulars, such as feed materials and products.

** Main Feature

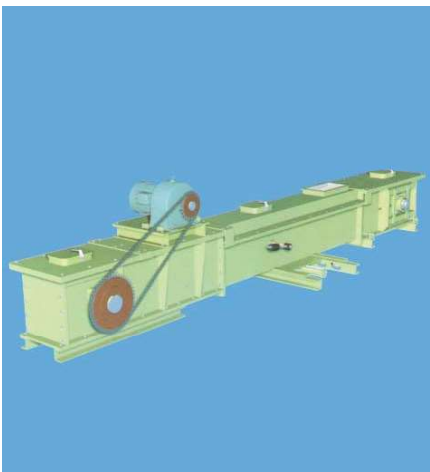
1. Wide ranges of function (i.e., Quantified feeding)
2. Hardly any residue
3. Easy maintenance and inspection
4. Saving engineering cost
5. High cost-effectiveness

** Standard models and capacity

- ** FF150 (inner width of the casing : 150mm) – FF450 7 sizes
 ** 27m³/h (FF150 S=25m/min.) – 340m³/h (FF450 S=35m/min.)



5 FS FLOW



** General

TSUBAKI FS FLOW conveys powdery or granular materials without residue and leakage, that provides clean operation.

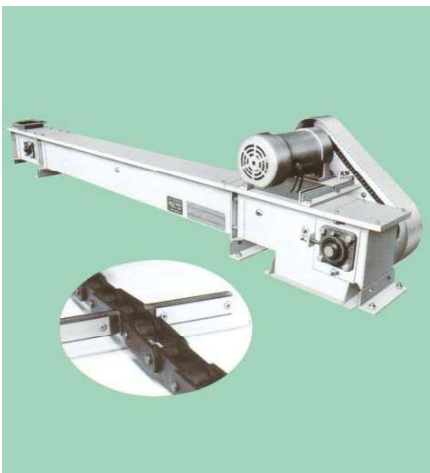
** Main Features

1. Chain with resin flights is used
2. No residue at the bottom of the casing
3. No residue at the gate of the intermediate outlet
4. Complex functions in accordance with purpose of use

** Standard models and capacity

- ** FS200 (inner width of the casing : 200mm) – FS300 3 sizes
 ** 35m³/h (FS200 S=15m/min.) – 186m³/h (FS300 S=35m/min.)

6 FR LIGHT CARRY



** General

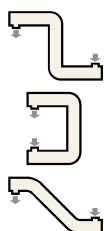
TSUBAKI FR LIGHT CARRY is a clean type conveyor with less residue, breakage, operation noise and dust, suitable for handling rice, wheat and feed.

** Main Features

1. Low-noise conveyor that minimises residue and breakage in the casing
2. Minimised residue or carry-over at the intermediate outlet
3. Possible to install multiple inlets and outlets at the intermediate casing

** Standard models and capacity

- ** FR100 (inner width of the casing : 100mm) – FR350 6 sizes
 ** 8.5m³/h (FR100 S=25m/min.) – 81m³/h (FR350 S=25m/min.)



7 LC FLOW



** General

TSUBAKI LC FLOW is a continuous flow conveyor, suitable for powdery or granular materials, which conveys materials smoothly along with the chain running motion within the casing on a horizontal, vertical and inclined layout.

** Main Features

1. Compact and economical
2. Possible to install multiple inlets
3. Easy maintenance and inspection
4. Dust-tight and waterproof

** Standard models and capacity

- ** LC160 (inner width of the casing : 160mm) – LC750 7 sizes
- ** 19m³/h (LC160 S=20m/min.) – 320m³/h (LC750 S=20m/min.)

8 NFV FLIGHTVEYOR



** General

TSUBAKI NFV FLIGHTVEYOR has flights mounted to two strands of chains running in a sealed casing. It conveys materials that are difficult to convey, such as highly adhesive materials as well as powdery and granular materials on a horizontal, vertical and moderately inclined layout.

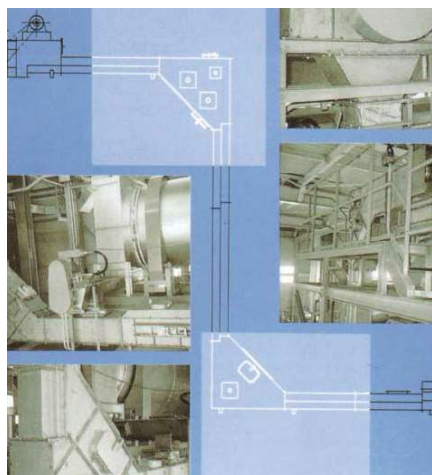
** Main Features

1. Flexible layouts
2. Compact and economical
3. Possible to install multiple inlets
4. Easy maintenance and inspection
5. Dust tight and waterproof

** Standard models and capacity

- ** NFV100 (inner width of the casing : 100mm) – NFV580 6 sizes
- ** 1.15m³/h (NFV100 S=5m/min.) – 170m³/h (NFV580 S=20m/min.)

9 MFV FLIGHTVEYOR



** General

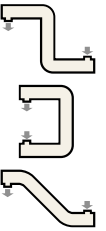
TSUBAKI MFV FLIGHTVEYOR is a specialised NFV Flightveyor, suitable for handling sludge-like materials like sewage.

** Main Features

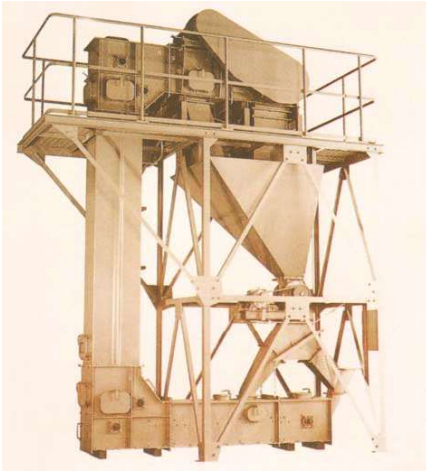
1. Corrosion proof
2. Wear-resistant
3. Thoroughly sealed
4. Possible to repair partly
5. Possible to design "easy parts replacement type" as an option
6. Good discharge performance

** Standard models and capacity

- ** MFV160 (inner width of the casing : 160mm) – MFV320 5 sizes
- ** 2.3m³/h (MFV160 S=6m/min.) – 15.3m³/h (MFV320 S=10m/min.)



10 BFV FLIGHTVEYOR



** General

TSUBAKI BFV FLIGHTVEYOR handles strong abrasive materials, such as ash and silica sand. This conveyor is very effective in handling abrasive materials, as it has the functions of a flight conveyor and a bucket elevator.

** Main Features

1. Long life of casings
2. Less operating power requirements
3. High effectiveness and efficiency
4. No leakage from the casing
5. Possible to install multiple inlets and outlets

** Standard models and capacity

- ** BFV200 (inner width of the casing : 200mm) – BFV600 4 sizes
- ** 1.6m³/h (BFV200 S=5m/min.) – 8.6m³/h (BFV600 S=5m/min.)

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11 BLF FLIGHTVEYOR



** General

TSUBAKI BLF FLIGHTVEYOR is a belt type flightveyor, which has both advantages of belt type (high-speed capability) and flight type (space efficiency) systems. Suitable for small lumps, adhesive and abrasive materials as well as general powder or granular materials.

** Main Features

1. Compact and economical
2. Less operating power requirements
3. Reliable operation
4. Suitable for clean conveyance
5. A wide range of conveyable materials

** Standard models and capacity

- ** BLF400 (width of the belt : 400mm) – BLF750 4 sizes
- ** 50m³/h (BLF400 S=60m/min.) – 370m³/h (BLF750 S=100m/min.)

12 PA PIVOTVEYOR



** General

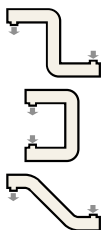
TSUBAKI PA PIVOTVEYOR is an efficient pivoted bucket conveyor, conveying materials without leakage, breakage, residue or tempering, using our innovative feeding component, the "Synchro-feeder". Suitable for food, medicines, cosmetics and a wide range of raw materials and products.

** Main Features

1. Stable and reliable performance
2. No leakage
3. Possible to install multiple inlets and outlets
4. Clean conveyance
5. Easy maintenance and inspection

** Standard models and capacity

- ** PA150 (width of the bucket : 150mm) – PA450 3 sizes
- ** 3m³/h (PA150 S=12m/min.) – 12m³/h (PA450 S=12m/min.)



13 NAB APROVATOR



** General

TSUBAKI NAB APROVATOR is a bucket type conveyor, suitable for handling abrasive and aggregated materials via complicated routes.

** Main features

1. Minimised loss of powdery materials from the overlap structure of the buckets
2. Flexible layouts
3. Sprocket-turn allows for improved wear resistance and reduced operation noise.
4. Dust tight and waterproof structure

** Standard models and capacity

- ** NAB250 (width of the bucket : 250mm) – NAB600 3 sizes
 ** 6m³/h (NAB250 S=10m/min.) – 53m³/h (NAB600 S=20m/min.)

14 RUBBERSTAR



** General

TSUBAKI WB RUBBERSTAR is a bucket conveyor, which has rubber block chain with a steel cord inside and unique structured buckets. Buckets are connected to each other with flexible straps. As injection moulded buckets are used, there are hardly any gaps between buckets.

** Main Features

1. Quiet and smooth operation
2. From delicate to rough materials are conveyable
3. Steel cord has long life, as it is covered with rubber block
4. Minimised leakage due to unique structure of buckets
5. From small to large capacity

** Standard models and capacity

- ** WB130 (width of the bucket : 130mm) – WB640 5 sizes
 ** 5m³/h (WB130 S=30m/min.) – 88m³/h (WB640 S=36m/min.)

15 NB BUCKET ELEVATOR



** General

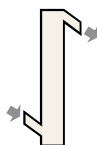
TSUBAKI NB BUCKET ELEVATOR is a continuous induction discharge type elevator, which has three types NBC, NBS and NBH. The most appropriate model will be selected based on the materials to be conveyed.

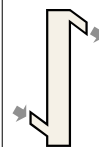
** Main Features

1. Designed without distance spacer
2. Maximum speed of 90m/min (NBH model) as induction discharge type elevator

** Standard models

- ** NBC model conveys lumpy materials (i.e. Limestone, Clinker) at low/medium speed
 NBC200 – NBC011H (width of the bucket : 200 - 1400mm) 13 sizes
 ** NBS model conveys powdery or aggregated materials at low/medium speed
 NBS300 – NBC011H (width of the bucket : 300 - 1400mm) 10 sizes
 ** NBS model conveys powdery or aggregated materials at high speed
 NBH300 – NBH011H (width of the bucket : 300 - 1400mm) 10 sizes





16 SBH BUCEKT ELEVATOR



** General

TSUBAKI SBH BUCKET ELEVATOR is a chain-based high-speed induction discharge-type elevator, suitable for handling small amounts of cement as well as powder and granular materials.

** Main Features

1. Compact and economical
2. Long operating life
3. Unique bucket mounting method

** Standard models and capacity

- ** SBH60 (capacity : 60m³/h) - SBH120 2 sizes
- ** 60m³/h (SBH60 S=50m/min.) - 150m³/h (SBH120 S=70m/min.)

17 NBF BUCKET ELEVATOR



** General

TSUBAKI NBF BUCKET ELEVATOR is a continuous induction charge type elevator, suitable for handling small and medium amounts of materials, such as rice, oats, soybean, maize, feed auxiliary materials and products.

** Main Features

1. Well performance
2. Economical
3. Less residue
4. Appropriate conveying speed

** Standard models and capacity

- ** NBF30 (capacity : 30m³/h) – NBF200 5 sizes
- ** 26m³/h (NBF30 S=40m/min.) – 218m³/h (NBF200 S=70m/min.)

18 NBK BUCKET ELEVATOR



** General

TSUBAKI NBK BUCKET ELEVATOR is a centrifugal discharge-type belt bucket elevator, suitable for handling grain, feed auxiliary materials and products.

** Main Features

1. Dust-tight, noise-controlled and preventative measures against dust explosion
2. Conveying a large amount of materials with a smaller cross section
3. Small elongation of belt, easy maintenance and inspection
4. Many safety measures
5. Clean boots (option)

** Standard models and capacity

- ** NBK30 – NBK800 7 sizes
- ** 34m³/h (NBK30 S=125m/min.) – 802m³/h (NBK800 S=210m/min.)

19 DUSTLESS CHUTE DS



** General

TSUBAKI DUSTLESS CHUTE DS is a highly effective chute, that helps prevent degradation of the work environment or pollution causing in areas. It controls dust when loading granular materials on trucks, lorries or barges.

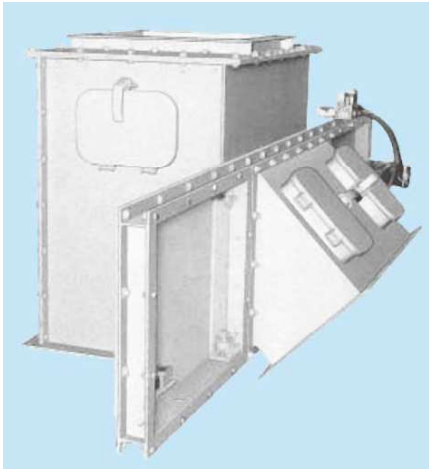
** Main Features

1. Possible to install on existing systems
2. Energy saving type
3. Remote controllable

** Standard models

** DS50 (loading capacity 50t/h) – DS250 5 sizes

20 AUTOMATIC SAMPLER [Industrial property Utility model patent No. 1984698]



** General

TSUBAKI AUTOMATIC SAMPLER is suitable for quality control and official inspection of class standards.

** Main Features

1. Collects samples at a fixed rate without interrupting the flow of the production line
2. Simple structure, adjustable collection rate, and easy installation
3. Well sealed structure, dust-tight and highly resistant to abrasion

** Standard models and capacity

** AS110 – AS900

** 110m³/h – 900m³/h

21 CIRCLE FEEDER CF/YA



** General

TSUBAKI CIRCLE FEEDER is a feeder with a unique structure, which avoids bridge (arching) and blending when discharging materials from tanks.

** Main Features

1. Stable discharge of mass flow
2. A wide range of applicable materials
3. Less operating power requirements
4. Possible to place multiple discharge points
5. Possible to install on existing tanks

** Standard models

** CF300 (tank discharge diameter : 300mm) – CF2400B 18 sizes

** Highly accurate constant feeder :

YA300S (inlet diameter : 300mm) – YA500S 3 sizes

** Low price type : NCF200A1 – NCF500B 8 sizes

** Sanitary type : CS300 – CS700 3 sizes

** Dust precipitator type : CFD1000 – CFD2400 13 sizes

** Disc feeder : DS300 - DS2000 9 sizes

22 RR ROTARY FEEDER



** General

TSUBAKI RR ROTARY FEEDER is a bin or tank mountable discharger with adjustable discharge limit, for powders or granulars like cement.

** Main Features

1. Accurate volumetric discharge and air-tight operation
2. No leakage at the bearings
3. Replacable rotor blades
4. Stable quality due to lot production system

** Standard models

** RR200A (roter inlet diameter : 200mm) – RR400A 5 sizes

23 HK CONTAINER-BAG OPENER



** General

TSUBAKI CONTAINER-BAG OPENER is an opener of single-use container-bags.

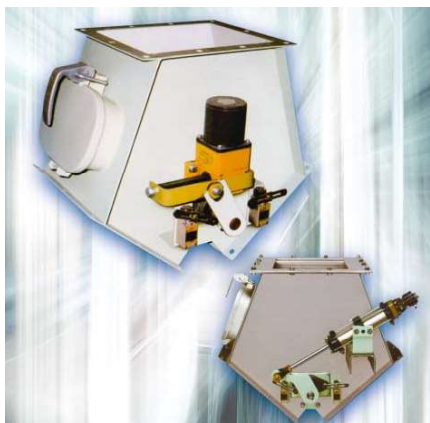
** Main Features

1. Clean work environment due to sealed structure
2. Automatic safe operation - open bags
3. Effective operation - open and unpack bags, and collect unpacked bags

** Standard models

** Gravity type
HK90G (bag diameter 900mm) - HK130G 3 sizes

24 TWO-WAY GATE GT



** General

TSUBAKI TWO-WAY GATE is our standard two-way gate, designed based on our broad experience with bulk handling conveyors.

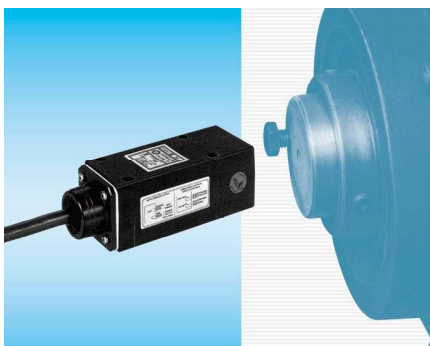
** Main Features

1. Precise and smooth operation
2. A wide range of products
3. Compact drive structure
4. Easy maintenance and inspection
5. A wide range of optional accessories

** Standard models

** Style : A, B, C 3 styles
 ** Sizes : 200 (inlet & outlet diameter 210mm) - 400 5 sizes
 ** Drive : Linear head drive, Motor drive, Cell cylinder drive
 Two rod cylinder drive 5 systems

25 SPEEDSWITCH M800



** General

SPEEDSWITCH M800 is a speed deduction detector, all-in-one sensor and signal, manufactured by 4B Braine Elevator Components Ltd., England. It monitors the lowering of frequency at two points, caused by breakage or chain, belt or shaft, and bolt slip.

** Main Features

1. Speed range : 10–3600 ppm
2. The unit requires no contact with the shaft and the materials
3. Easy installation and maintenance-free
4. Steel piece such as a bolt can be substituted for a shaft (detection).
5. Compact and light weight, suitable for limited space

** Standard models

** M800 - V1, V2, V4 3 sizes

26 ONE-TOUCH INSPECTION DOOR®



** General

Easy installation without the need for special tools.

TSUBAKI ONE-TOUCH INSPECTION DOOR is used for inspection and cleaning conveyors, hoppers, chutes etc..

** Main Features

1. Easy installation at the jobsite.
2. Dust- and rain-tight
3. Quick and easy inspection
4. Stable quality and economical

** Standard models

- ** Styles Regular, High-neck (H) 2 styles
- ** Type Standard, Heat resistant (200C, 400C) 9 types
Transparent windowed, Withstanding pressure, etc.
- ** Series Standard(P), Corrosion proof(Q), All stainless corrosion(R) 3 series
- ** Gasket Polyethylene foam, Neoprene rubber 2 types

27 ECOLOGY-RELATED CONVEYORS



** General

These conveyors and accessories are specialised for handling garbage, sewage, sludge and waste.

1. PFV POWER FLIGHT
2. AP APRON CONVEYOR
3. NAB APROVATOR
4. NFV FLIGHTVEYOR
5. BFV FLIGHTVEYOR
6. FC FLOW CONVEYOR
7. NBC BUCKET ELEVATOR
8. MFV FLIGHTVEYOR
9. CF CIRCLE FEEDER
10. ONE-TOUCH INSPECTION DOOR

28 GRAIN SILO SYSTEM



** General

Our knowledge and experience in grain silo systems allows us to continuously modernise and raise the standard. From foundation planning to drawing, construction and maintenance, we strive to provide the best models to meet your demands.

** Main Features

1. Reliable system and performance
2. Standardised systems for your customised needs
3. Easy maintenance and inspection
4. Dust removal and noise-reduced system