

Vecoplan®

Vecoplan, LLC
5708 Uwharrie Road • Archdale, NC 27263
Phone: 336-861-6070 Fax: 336-861-4329
www.vecoplanllc.com

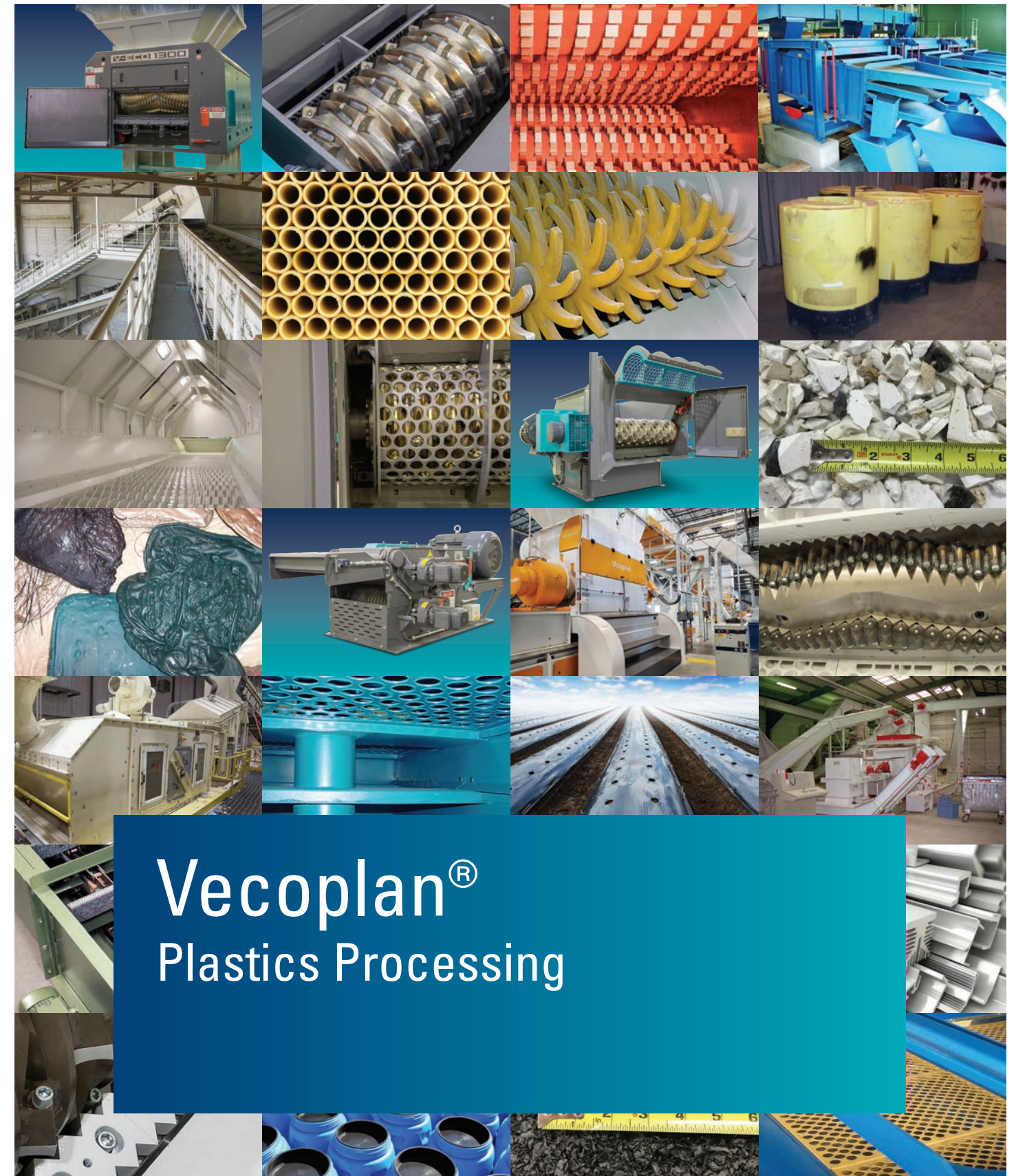
Vecoplan®

Vecoplan Midwest
4005 Earnings Way • New Albany, IN 47150
Phone: 812-923-4992 Fax: 812-923-4994
www.vecoplanmidwest.com

©Vecoplan, LLC 202004V1

Product Line For Plastics

Vecoplan®



Vecoplan® Plastics Processing

VECOPLAN - VAZ SERIES

Vecoplan Small Shredders VAZ 800 / 1100

VAZ Series 800/1100

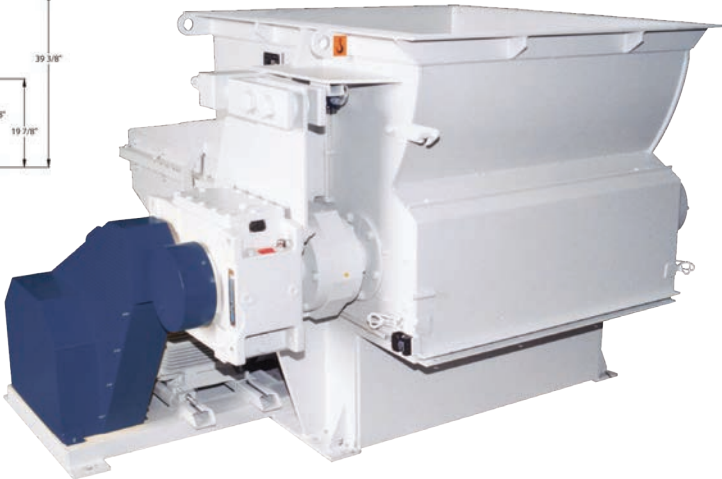
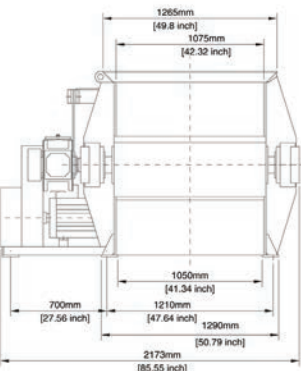
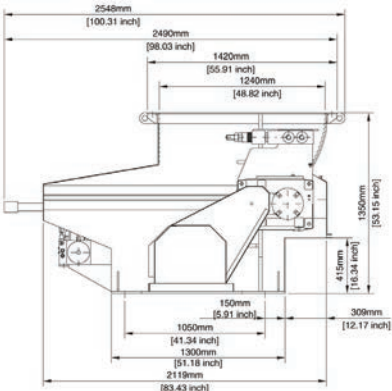
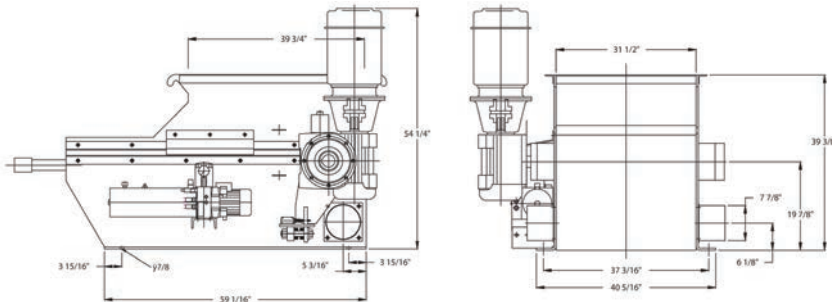
Serious Plastics Processing With A Small Footprint

The Vecoplan VAZ 800/1100 Rotary Shredder Series is designed to provide a powerful yet compact, one pass shredding solution that converts large, bulky plastic scrap into controlled sized particles without the need for pre-processing.

- Low Speed / High Torque Design
 - Easy Accessibility
 - Tramp Metal Protection
 - Equity “Buyback” Guarantee
 - Low RPM / Low Noise
 - Large Infeed Hopper
 - Precision Hydraulic “Process Ram”
 - 4-Way, Indexable Cutting Inserts
 - High Output “Torsion Point” Cutting Rotor
- Heavy Duty Construction
 - Rugged Hydraulics
 - Stress-Free Frame, Robotically Welded
 - Oversized Drivetrain
 - Heavy Outboard Spherical Roller Bearings
 - Fluid “TurboCoupling”
 - PLC Control Panel
 - ISO 9001 Manufactured



VAZ 800



VAZ 1100

DETAILS		VAZ 800	VAZ 1100	VAZ 1100 XL XR
Cutting Chamber (WxL)	inch	32 x 42	42 x 46	42 x 51
Hopper volume	cubic yard	1.3	2.9	3.5
Rotor diameter	inch	10	10	15
Number of cutters	qty	20 (40x40)	27 (40x40)	48
Rotor Speed	rpm	100	120	120
Drive motor HP	HP	20	30	60
Feed system	HP / speed	1.5 - 2 speed	3 - 2 speed	3 - 2 speed
Machine weight	lbs.	3,100	5,700	7,500
Voltage	V/PH/Hz	460/3/60	460/3/60	460/3/60

VECOPLAN - MEDIUM SHREDDERS

The Absolute Industry Standard - VAZ Series 1300/1600

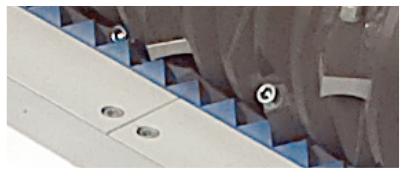
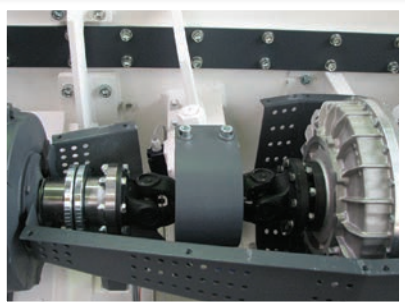


Vecoplan’s tradition of unrivaled quality, service and innovation continues with the latest in our line of low speed, high torque single shaft rotary shredders - the “New Generation” VAZ models.

Vecoplan’s New Generation shredders incorporate a wide range of innovations that improve performance, increase durability and decrease maintenance time. These features and options include:

- Solid Rotor Bodies
- Cardan Shaft Drives
- Double Sidewalls
- Reversible Counter Knives
- Rotatable Screens
- Optional Hydraulic Swing-Up Screen Carriages

DETAILS		VAZ 1300 S	VAZ 1300 M	VAZ 1300 M XL	VAZ 1300 L	VAZ 1600 S	VAZ 1600 S XL	VAZ 1600 M	VAZ 1600 M XL
Cutting Chamber (WxL)	inch	52 x 50	52 x 58	52 x 58	52 x 68	62 x 58	62 x 58	62 x 80	62 x 80
Hopper volume	cubic yard	3.25	3.75	3.75	4.5	4.5	4.5	6.4	6.4
Rotor diameter	inch	15	15	20	15	15	15	15	20
Number of cutters	qty	37 / 60 (40x40)	37 / 60 (40x40)	37 / 60 (40x40)	35 / 60 (40x40)	42 / 74 (40x40)	42 / 74 (40x40)	42 / 74 (40x40)	42 / 74 (40x40)
Rotor Speed	rpm	120 - 145	120 - 145	120	120	80 - 200	80 - 200	80 - 200	80 - 200
Drive motor HP	HP	60 - 100	60 - 150	100	100	60 - 150	75, 125, 150	60 - 150	125 - 150
Feed system	HP / speed	3-5 / 2 speed	3-5 / 2 speed	3-5 / 2 speed	3-5 / 2 speed	10-2 / 2 speed	10-2 / 2 speed	10-2 / 2 speed	10-2 / 2 speed
Voltage	V/PH/Hz	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60



VECOPLAN - LARGE WASTE SHREDDERS

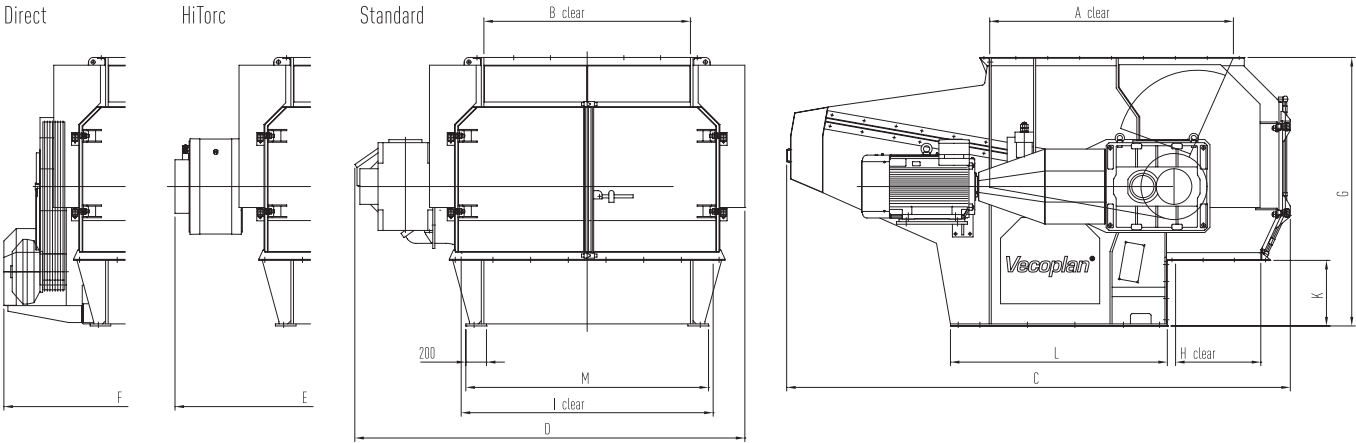
Ultimate Throughput - Ultimate Performance - VAZ Series 2000/2500



Vecoplan VAZ 2000-2500 Waste Shredders are designed especially for processing domestic and commercial waste for alternative fuel production, paper and plastic waste for reclamation and recycling, large extruder purgings, large reject parts, trim scraps, baled or loose film, synthetic fiber, wood processing scrap, medical waste, cardboard, paper and carpet.

- Easy Accessibility
- Tramp Metal Protection
- Equity Buyback Guarantee
- Large Infeed Hopper
- 4-Way, Indexable Cutting Inserts
- High Output Torsion Point Cutting Rotor
- Heavy Duty Construction
- Stress-Free Frame, Robotically Welded
- Oversized Drivetrain
- Heavy Spherical Roller Bearings
- PLC Control Panel
- ISO 9001 Manufactured

DRIVE VERSION



DETAILS	Infeed opening		Overall dimensions					Material outlet			Machine stand		Max. weight
	A	B	C	D	E	F	G	H	I	K	L	M	
	Length	Width	Length	Width with gears	Width with HiTorc™	Width with belt drive	Height	Length	Width	Height	Length	Width	lbs.
VAZ 2000 RS	63"	78"	150"	NA	145"	135"	92"	31"	96"	23"	77"	92"	35,700
VAZ 2000 (R)M	79"		192"	149"			102"	32"		25"	83"		41,880
VAZ 2500 RS	63"	98"	150"	NA	164"	158"	92"	31"	115"	23"	77"	112"	35,580
VAZ 2500 (R)M	79"		192"	168"			102"	32"		25"	83"		47,400
VAZ 2500 L	98"		164"			NA	105"			27"	98"		51,800

VECOPLAN - V-ECO SERIES

One System For All Plastics

- 1 DRIVE
VFD inverter drive eliminates gearboxes, senses tramp metal & stops automatically.
- 2 HYDRAULIC CUTTING CHAMBER FLOOR
Provides the safest, quickest and most convenient access to the cutting chamber.
- 3 SINGLE or DOUBLE ROW BED KNIVES
More shredding surface maximizes throughput and yields smaller particle sizes.
- 4 RAM FEED
Hydraulic processing ram feeds material by pushing it into the shredding rotor.
- 5 ROTOR COOLING
Chilled water circulated through the rotor for shredding materials with low melting points.
- 6 DOUBLE SIDE WALLS
Eliminates bearing contamination and prevents sidewall wear.
- 7 "W" ROTORS
The innovative cutting geometry shreds flexible - fibrous, or rigid - bulky materials.
- 8 DROP DOWN SCREEN CARRIAGE
Pneumatically assisted, drop down screen carriage makes screen changes easy.



More Options

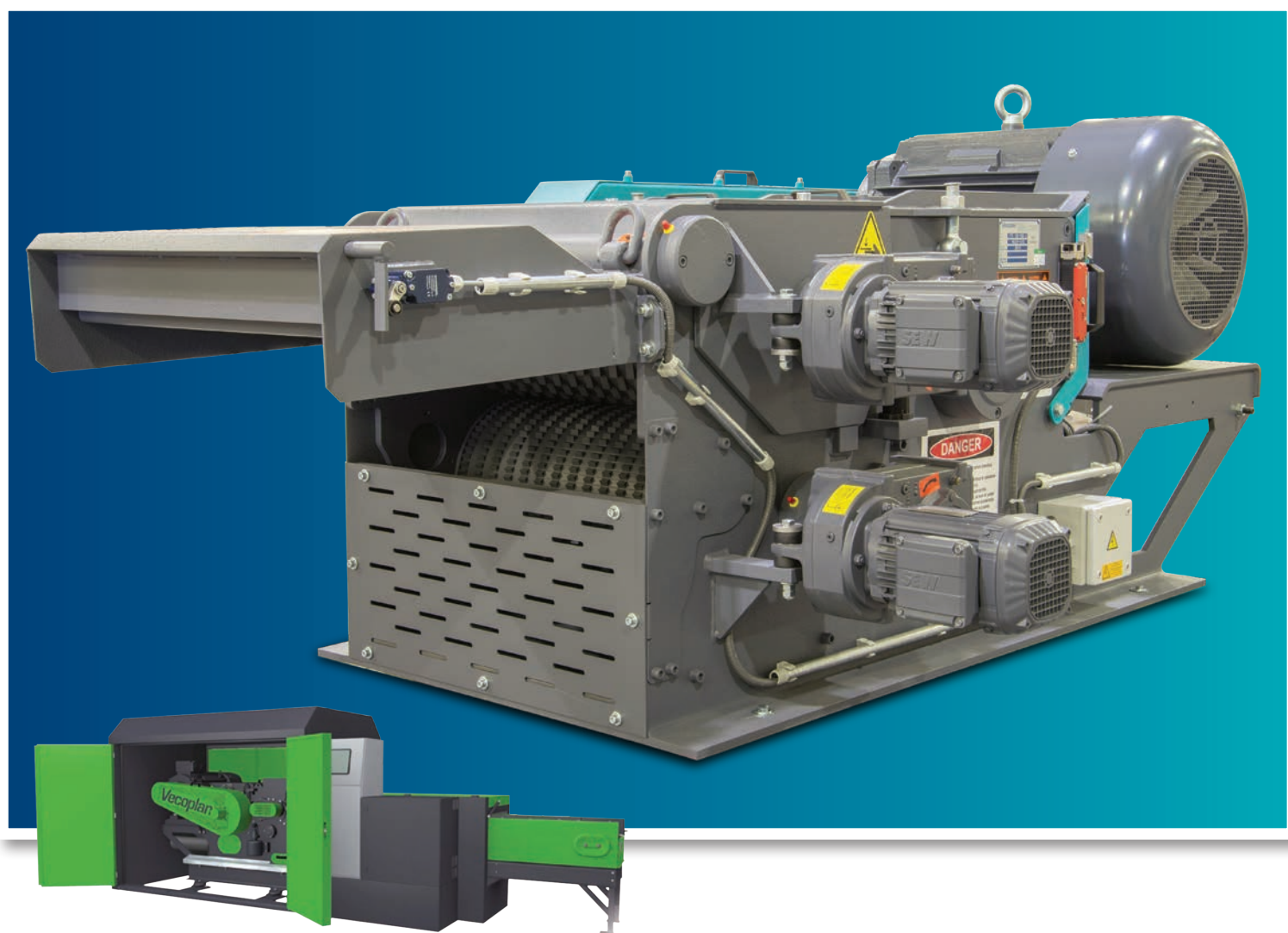
The V-ECO is the high-performance, highly flexible specialist for plastics shredding. Based on the latest technology, the V-ECO offers a range of possibilities and shreds a wide range of plastic input into high-quality, homogeneous output.

Thanks to its various uses, you only need one shredder for all plastics. That saves time and money. The V-ECO is easy to integrate into existing systems at a low cost and adapts to different particle sizes simply by changing the screen.

- The entire V-ECO product series is specially designed for plastics shredding
- One shredder for all plastics
- Shreds a wide range of plastics with a simple, quick screen change
 - Films, hard plastics, fabrics and fibers
 - Agricultural, post-consumer, post-industrial, inhouse

VECOPLAN - VKH SERIES FOR PLASTICS

The high-performance solution for long-length plastic parts



Solutions For Plastic Scrap

The new, high-performance Vecoplan solution for long-length plastic parts combines guillotine, shredder and granulator in a single machine.

With the new VKH 45/12/3, production waste such as edge strips in sheet extrusion, pipes and profiles are shredded and ground in a single-stage process, enabling the plastic granulate to be returned straight to the production process. It offers you the benefit of improved costs and reduced space requirements!

Plastic sheets up to a thickness of 40 mm, as well as pipes and profiles of different lengths can be machined without any difficulty.

The noise emmissions from the machine can be significantly reduced with an optional sound-proof enclosure. The advantage of our plug-&-play solution is that the machine and booth come pre-assembled on a frame - all you have to do is connect the plant power supply. Despite the booth, the machine is still easily accessible for cleaning and maintenance.

DETAILS		VKH 45/12/3	VKH 65/12/3
Infeed Width	Inch	18"	25.5"
Infeed Height	Inch	*1.5" - 4.5"	*1.5" - 4.5"
Rotor Diameter	Inch	16"	16"
Number Of Cutters	Quantity	36	51
Motor HP	HP	75HP	125HP
Screen Size	Inch	3/8" - 1"	3/8" - 1"
Discharge Outlet	Inch	6"	8"
Conveyor Speed	fps	VFD up to 2.6fps	VFD up to 2.6fps
Conveyor Power	HP	1HP VFD	1HP VFD
Conveyor Length	feet	9'	9'
Conveyor Width	Inch	18"	25-1/2"

VECOPLAN HORIZONTAL GRANULATORS / SHREDDERS

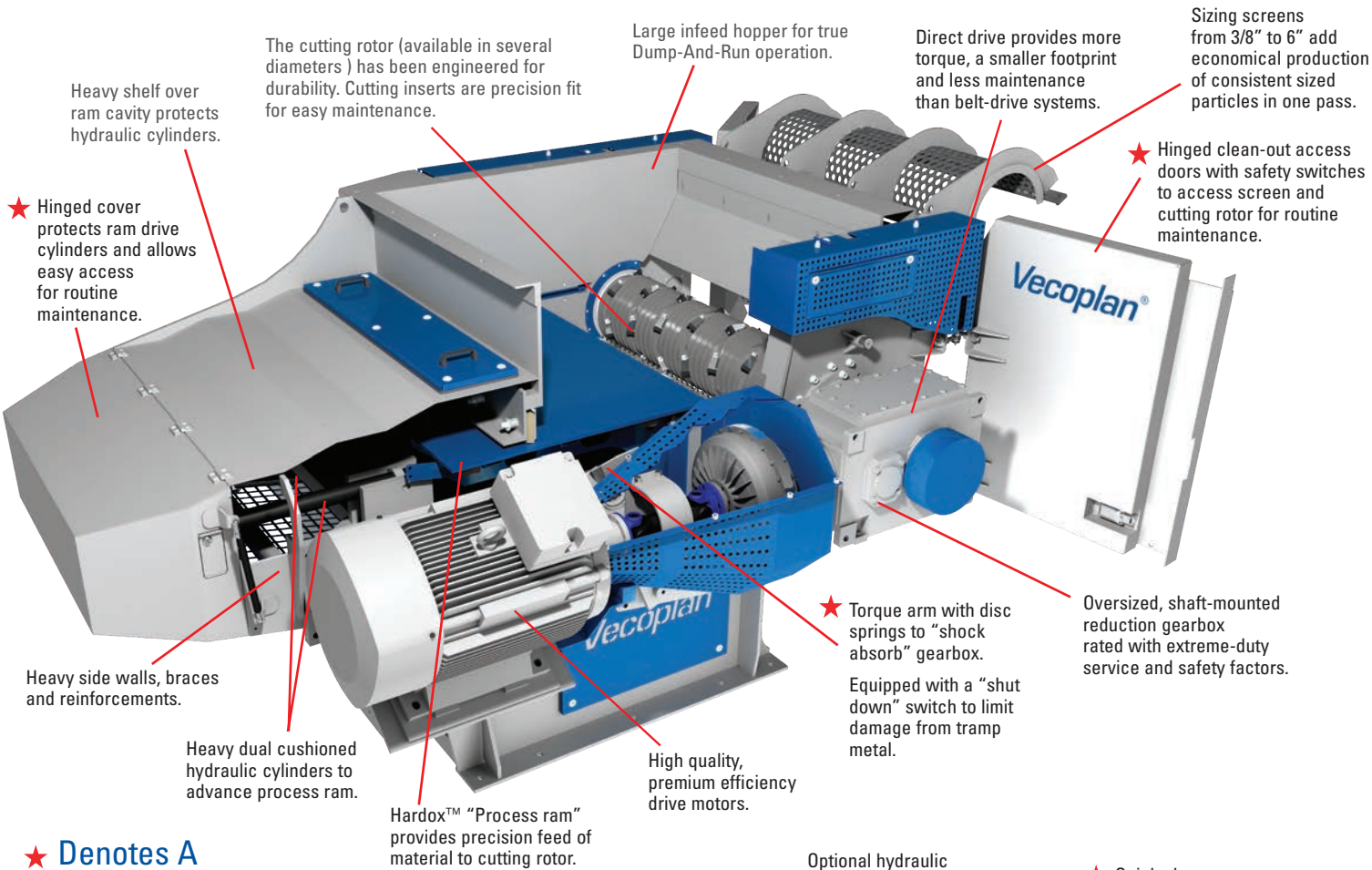


DETAILS		VTH 85/45/4	VTH 105/60/4	VTH 125/85/4
Length	inch	123	150.5	231.5
Width (W)	inch	162.5	186.25	267
Height (H)	inch	71.25	93.5	105
Infeed width	inch	33.5	41.25	49.25
Infeed height	inch	17.75	23.6	33.5
Infeed rollers	pcs.	4	4	4
Rotor diameter	inch	39.5	51.25	71
No. of cutting tools	pcs	2 - 3	2 - 3	3
Variable rotor speed	UpM	ca. 600	ca. 500	ca. 350
Chipping length	inch	0.80 - 2	0.80 - 2	0.80 - 2
Max. capacity	ton / hr.	30*	60*	100*
Required motor power	HP	215 - 2 x 215	422 - 2 x 422	845 - 1341
Weight approx.	lbs	35,275	50,706	79,366

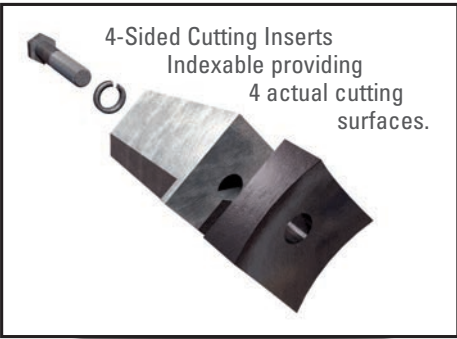
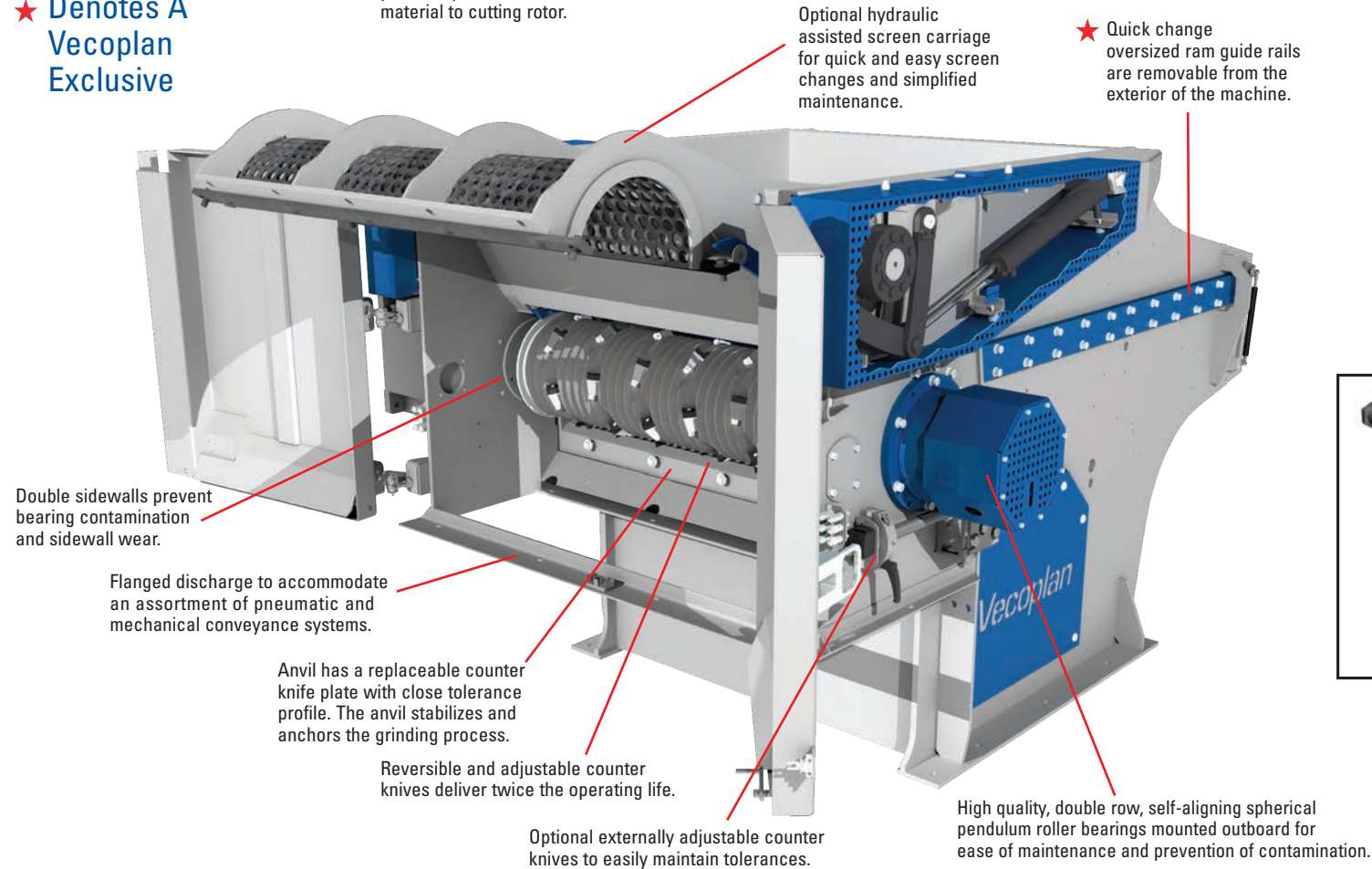
Subject to technical changes without notice / Detailed dimension drawings and load data available on request /Dated 04/2012

* Depending on input material and chipping length

VECOPLAN VERTICAL FEED MODELS

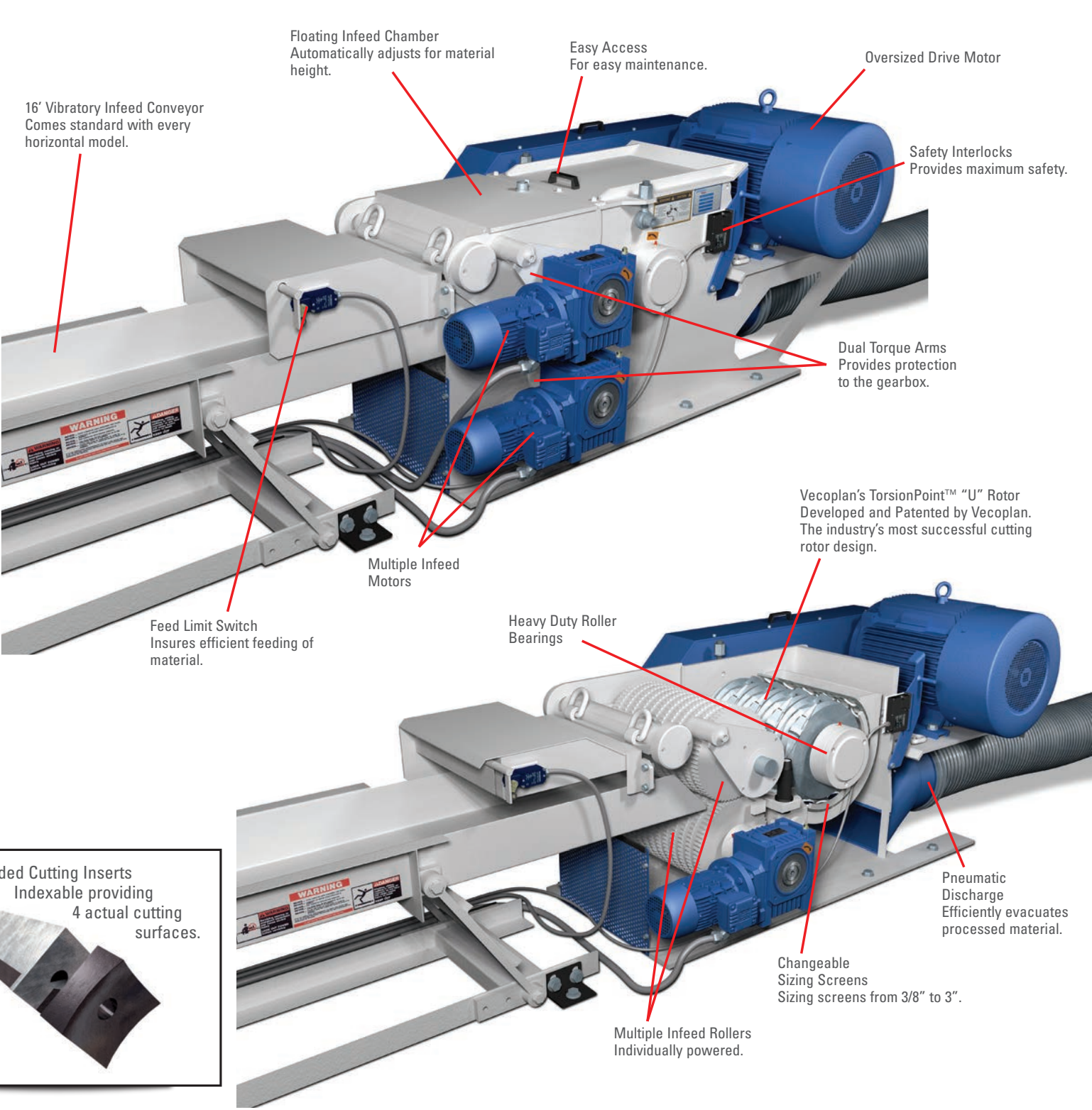


★ Denotes A Vecoplan Exclusive



VECOPLAN HORIZONTAL MODELS

Available with Low Speed U-Rotor OR Knife Chipper / Plastic Granulator Rotor



VECOPLAN - High Performance Conveying Systems

VFB-F3 & VFB-M3 Belt Conveyors

The optimized Vecoplan flat belt conveyor VFB-F3 and troughed belt conveyor VFBM3 are modular continuous conveyors for the transport of different bulk materials. Designed for maximum conveying capacity at continuous operation in conjunction with its high oil and grease resistant rubber sliding belt, and with the installation option for various systems for belt cleaning, safety and automatic operating, the Vecoplan flat belt conveyors are applicable for the transport of different materials like plastics, waste, wood, biomass, metal, alternative fuel, etc.

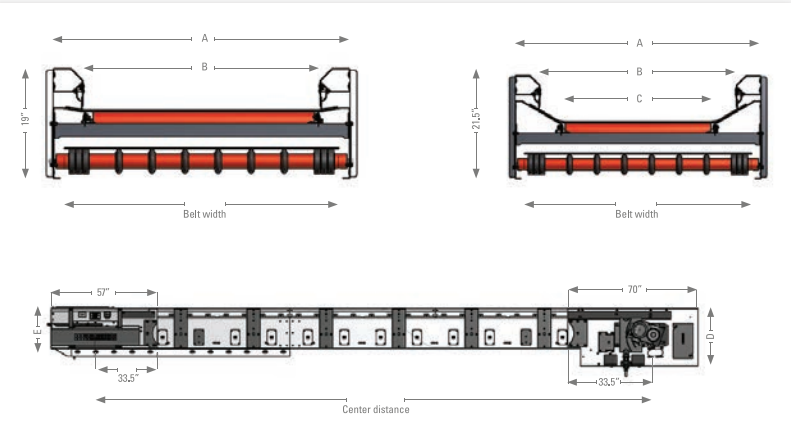
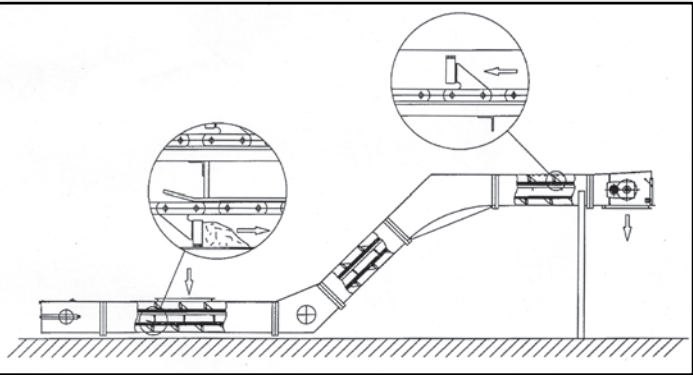


Drag Chain Conveyors

Vecoplan drag-chain conveyors offer the ideal solution for difficult material conveying. The modular design allows for limitless adjustments in horizontal, vertical and diagonal installations.

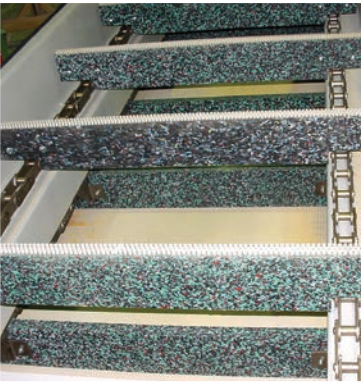
Motorized slides, outlets and funnels provide variable and accurate metering to different storage locations, balers, or other down stream equipment.

Offering the most flexibility in a durable, rugged package, Vecoplan Drag Chain Conveyors offer made-to-order solutions for nearly every conveying problem.



DETAILS			VFB 650	VFB 800	VFB 1000	VFB 1200	VFB 1400
A		inch	29.5	35.5	43.5	51	59
B		inch	19.25	25	33	41	48.75
C		inch	8.5	14.5	22.5	30.25	38.25
D	F3	inch			28.5		
	M3	inch			31		
E	F3	inch			23.75		
	M3	inch			26.25		
Belt width		inch	25.5	31.5	39.5	47.25	55
Conveying Capacity Approx.*	F3	Yd ³ /h	3	5	9	13.75	19.25
	M3	Yd ³ /h	7.5	11.75	17.25	24.25	32.25

Subject to technical changes without notice / Detailed dimension drawings and load data available on request / Dated: 09/2018
* with 0° gradient and conveying speed of 1 m/s. Caution: The conveying volume reduces at increasing belts.



VECOBELT™

Large Volumes - Long Distances

Vecoplan's Vecobelt™ is the ideal solution for conveying and loading bulk materials into rail cars, trucks, silos, bunkers and process equipment or simply to transfer large volumes of material over long distances. Vecobelt™ moves more material, over longer distances, with fewer structural supports than traditional conveyors, while consuming less power and virtually eliminating dust or noise.

Strength By Design - Unique Suspension System

The distance between structural supports is achieved by the open mesh architecture of Vecoplan's support towers combined with cable suspension. This delivers strength in much the same way as suspension bridges do. These cable towers also allow the Vecobelt™ to be placed up to 30 meters (98 feet) above the ground in order to avoid obstacles.



CROSS BELT MAGNETS

Efficient Magnetic Separation

Cross belt magnetic separators are used to remove ferrous contaminants, such as tramp metals, including nuts, bolts, wire and banding from material being processed. Cross conveyor provides large area of coverage for a continuous self cleaning operation. Durable cleated belt transports ferrous contaminant objects into collection bin.

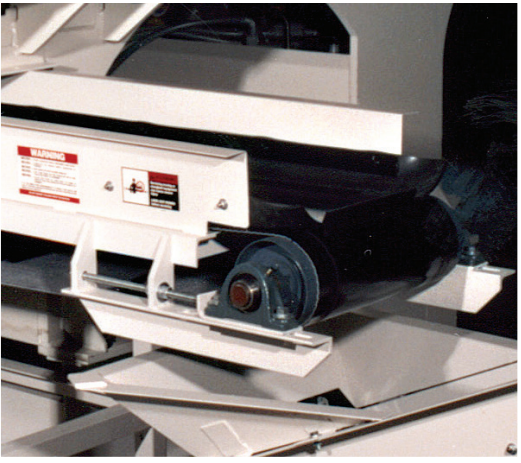
Magnet: has stainless steel face
Frame: The sides and back frame are mild steel
Motor: 1 HP, 230/460V, 3 phase, 60HZ
Gear Motor: Top or side mounted motor, right or left hand drive
Belt Speed: 150-275 fpm



MAGNETIC HEAD PULLEYS

Small Footprint Separation

Vecoplan magnetic head pulleys provide a convenient method of ferrous separation with virtually no footprint at all. Incorporated into the conveyors themselves, magnetic head pulleys separate ferrous materials as they travel along the end of the conveyor, and are then dropped into a separate container.



ROTARY DRUM MAGNETS

High-Volume Separation

Vecoplan Rotary Drum Magnets are used when a high volume of material needs to be separated, and when the separation process is too abrasive for cross belt magnetic separation. Drum separators provide a larger operating surface increasing the material throughput rate, and can have either an internal permanent or electro magnet system depending on the application.

