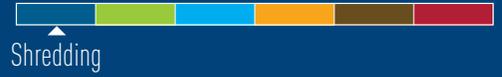


TECHNOLOGY FOR A SUSTAINABLE TOMORROW



HORIZONTAL DRUM CHIPPERS

# VTH SERIES

**Vecoplan**<sup>®</sup>

# Vecoplan VTH Series Drum Chippers

## The Ultimate Tool for Wood Chip Production

Vecoplan VTH Series Drum Chippers are indispensable in the wood processing industry owing to their enormous throughput and wide range of sizes and rotor systems. They are designed to perform a range of tasks, from the production of fuel chips for energy generation through to quality wood chips for the wood pulp industry. In a nutshell, Vecoplan VTH Series Drum Chippers are used in industrial applications where wood chips are required as the starting material for a subsequent production process.

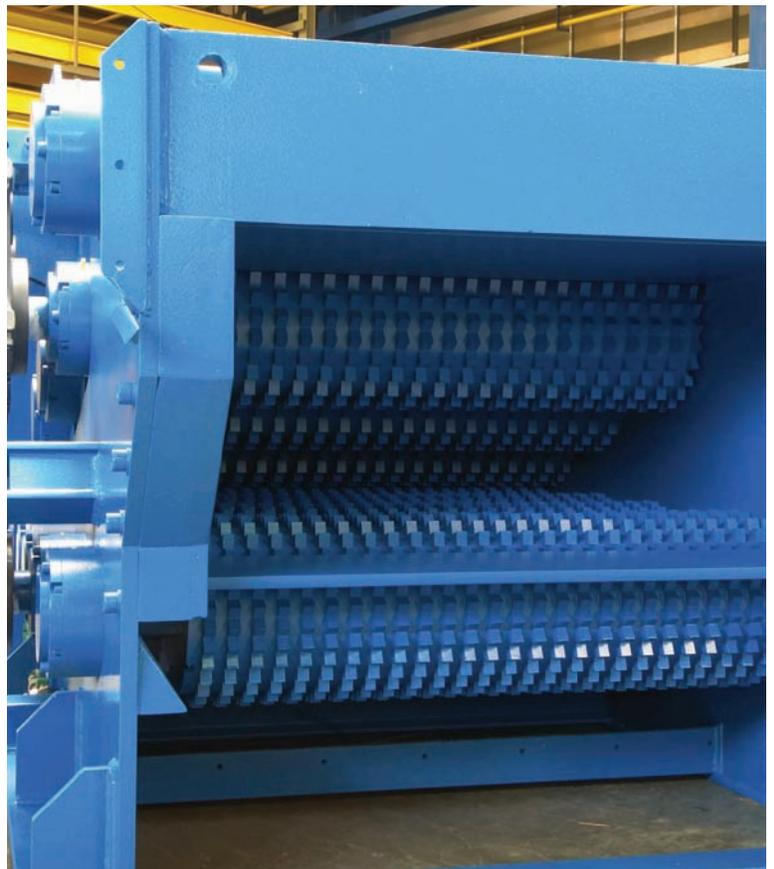
While often used in wood recycling, referring to the Vecoplan VTH Series Drum Chipper as just a "wood recycle machine" is a misnomer, in that a powerful drum chipper is equal to other machines in a plant's production system. Used directly in the production line in sawmills for evacuation and wood waste recycling, the Vecoplan VTH Series Drum Chippers produce high quality chips for the production of chipboard, paper, wood pulp, and fuel. In short - a large capacity wood chipper produces revenue.



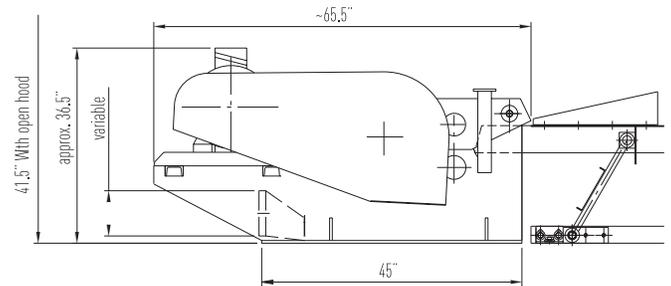
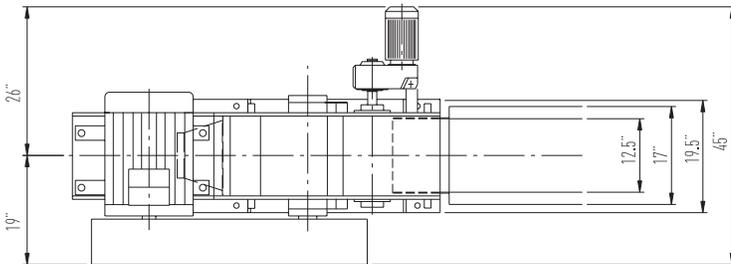
## More Options

Many of the VTH-Series™ Drum Chippers are available with optional cutting rotor designs. If a larger and rougher particle size is acceptable, many of the VTH-Series™ models are available with the patented TorsionPoint™ "U"-Rotor™. Vecoplan has used this rotor in its vertical shredders since 1983 and is the preferred shredding method used in industry today. The standard cutting rotor design is a precision granulator or drum chipper rotor in 2-4-knife configurations in a moderately open design. The knife rotor turns at moderate RPM and utilizes sharp knives similar to conventional granulator or chipper blades. A unique clamping system secures the knives in place and affords many sharpening intervals. When a small and uniform granulate or chip is needed, the knife rotor is suggested. In the wood industry, Vecoplan has been producing high quality drum chippers since 1969.

While durability and extremely low maintenance are highly valuable benefits of the VTH-Series™, they pale in comparison to the performance it delivers. The unique design and resulting efficiencies contribute to both a lower purchase price and lower subsequent operating costs.



# VTH 8



## APPLICATION

For the production of high quality wood chips made from short or long pieces of waste wood from the timber sizing and wood processing industry.

### DETAILS

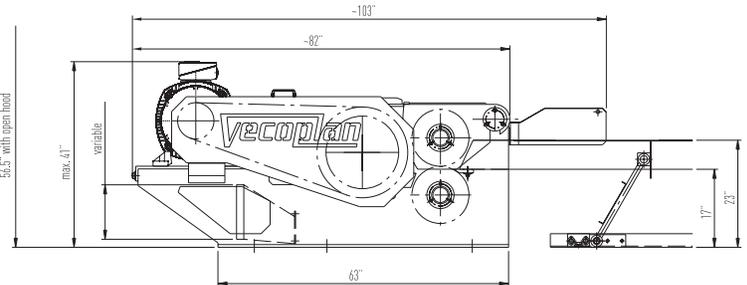
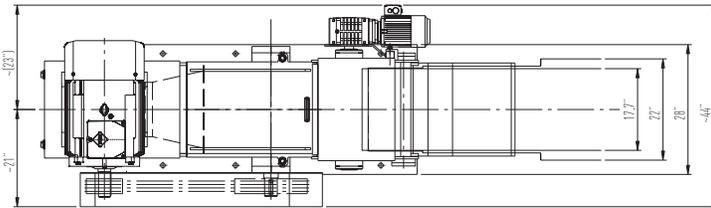
		VTH 35/8/2
Infeed opening	inch	12. x 3
Infeed rollers	qty	2
Rotor diameter	mm	12
Number of tools	qty	2
Rotor speed	rpm	670 - 2100
Chipping length	inch	.125 - 1.25 *
Required motor power	HP	30 - 40
Max. capacity	stere/h	2 *
Weight approx.	lbs	1,962

Subject to technical changes without notice / Dated: 01/2010

Also available with cutting crown rotor.

\* Depending on input material and chipping length

# VTH 12



## APPLICATION

Extrusion profiles, plastic strips, soft woods, hard woods and all kinds of timber waste that occur in typical carpenter's workshops and joineries. Especially for long pieces of materials.

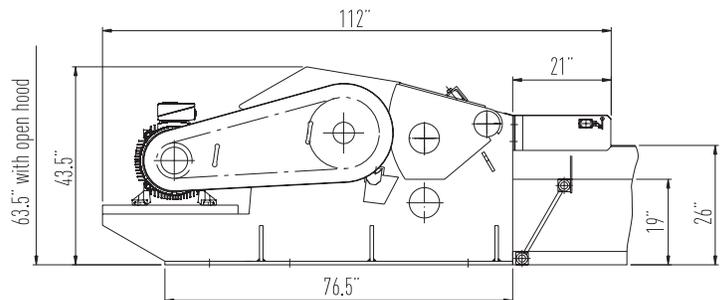
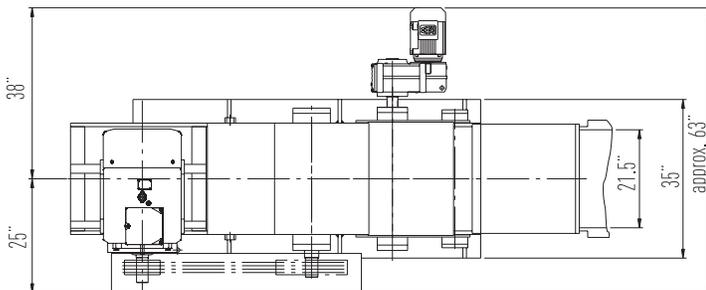
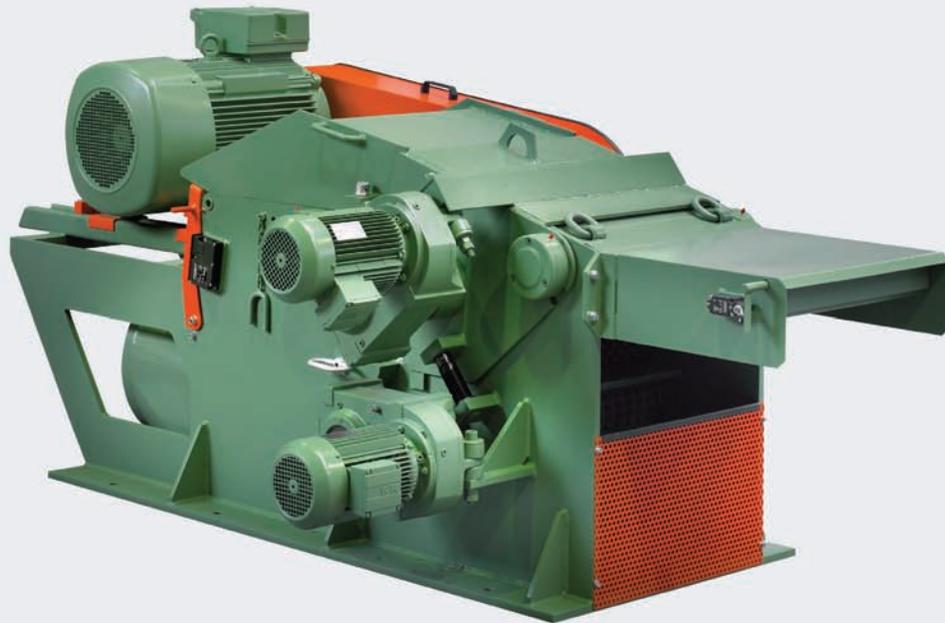
DETAILS		VTH 45/12/2	VTH 65/12/2	VTH 85/12/2
Infeed opening	inch	17 x 5	25 x 5	34 x 5
Infeed rollers	qty	2	2	2
Rotor diameter	inch	15	15	15
Number of tools	qty	24	34	44
Rotor speed	rpm	500	500	500
Required motor power	HP	40 - 50	40 - 60	60 - 100
Max. capacity	stere/h	4 *	6 *	7 *
Weight approx.	lbs	4,188	4,960	5,730

Subject to technical changes without notice / Dated 01/2010

Version only available with cutting crown rotor.

\* Depending on input material and screen perforation

# VTH 15



## APPLICATION

For the production of high quality wood chips made from short or long pieces of waste wood from the timber sizing and wood processing industry.

### DETAILS

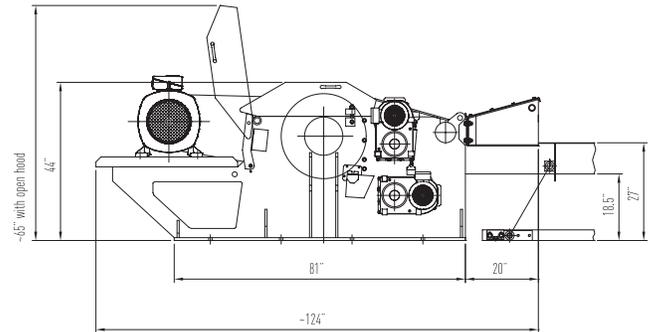
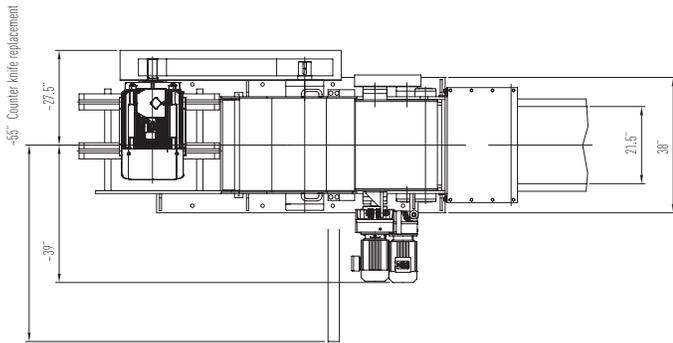
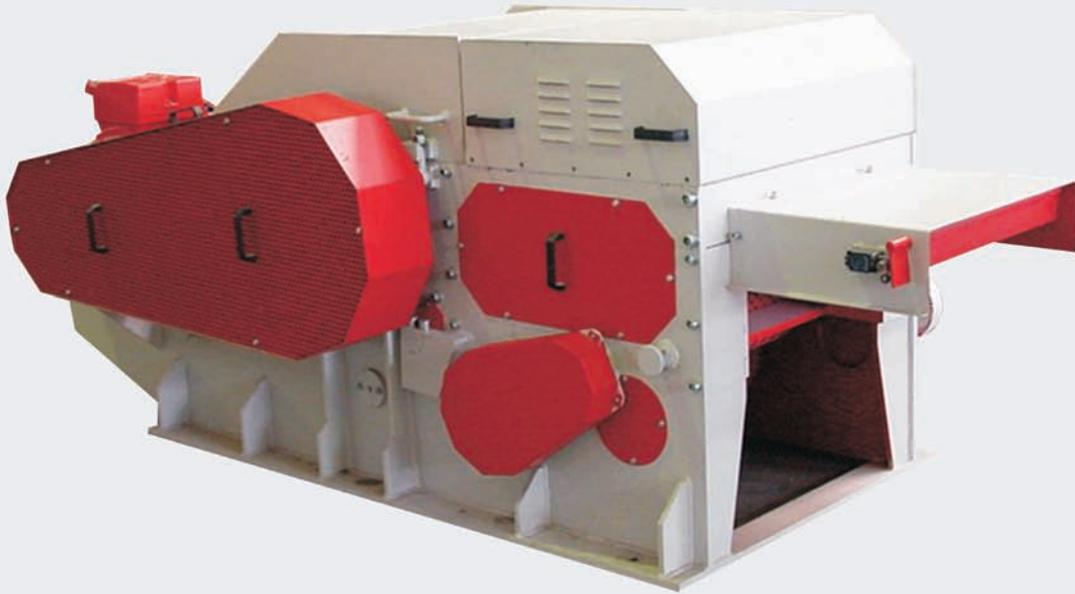
		VTH 55/15/2
Infeed opening	inch	21 x 6
Infeed rollers	qty	2
Rotor diameter	inch	20
Number of tools	qty	2 - 4
Rotor speed	rpm	600 - 980
Chipping length	inch	.125 - 1.25 *
Required motor power	HP	50 - 100
Max. capacity	stere/h	16 *
Weight approx.	lbs	7,050

Subject to technical changes without notice / Dated: 01/2010

\* Depending on input material and chipping length

Also available with cutting crown rotor.

# VTH 20

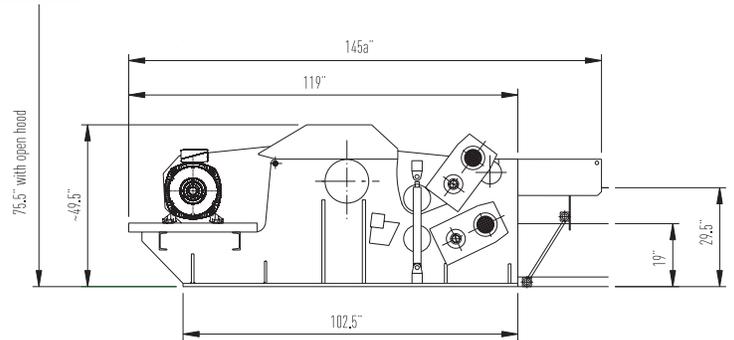
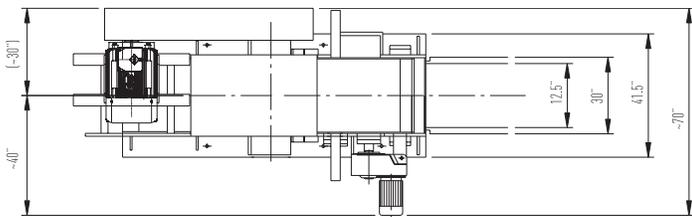
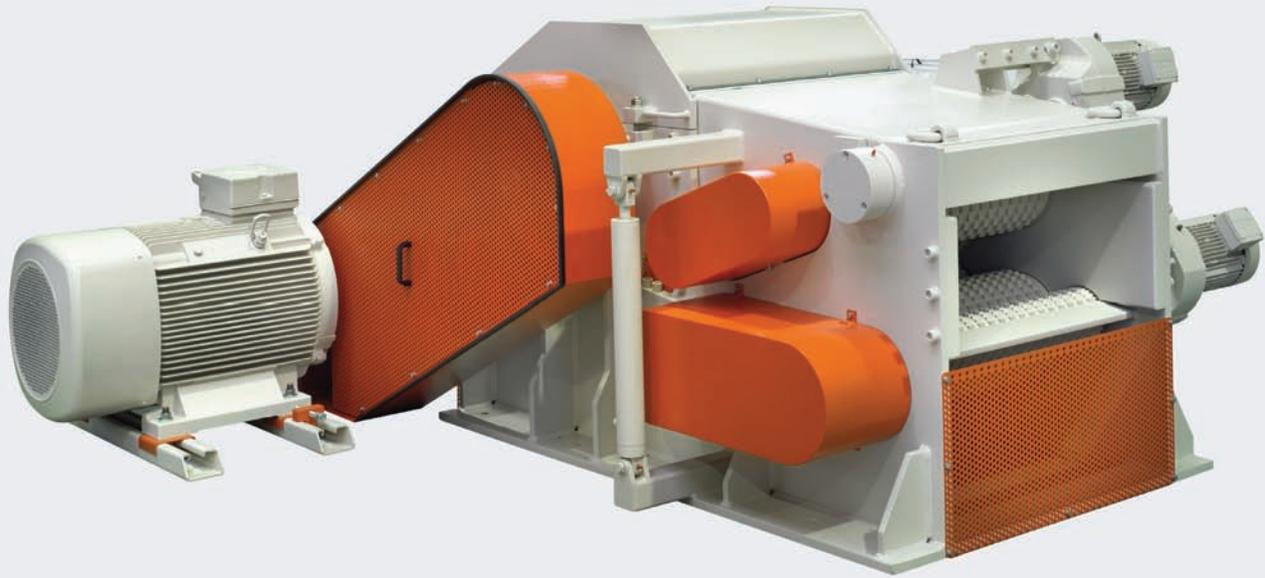


## APPLICATION

Our drum chippers produce top quality wood chips from slabs, edgings, round timber and all kinds of wood. This drum chipper is primarily used in sawmills, furniture factories and planing mills.

DETAILS		VTH 55/20/3	VTH 65/20/3	VTH 85/20/3
Infeed opening	inch	22 x 8	25 x 8	33 x 8
Infeed rollers	qty.	3	3	3
Rotor diameter	inch	25	25	25
Number of tools	qty.	2-4	2-4	2-4
Rotor speed	rpm	730 - 930	730 - 930	730 - 930
Chipping length	inch	.125 - 1.25 *	.125 - 1.25 *	.125 - 1.25 *
Required motor power	HP	60 - 100	75 - 120	75 - 120
Max. capacity	stere/h	23 *	25 *	30 *
Weight approx.	lbs	7,700	9,250	12,550

# VTH 25

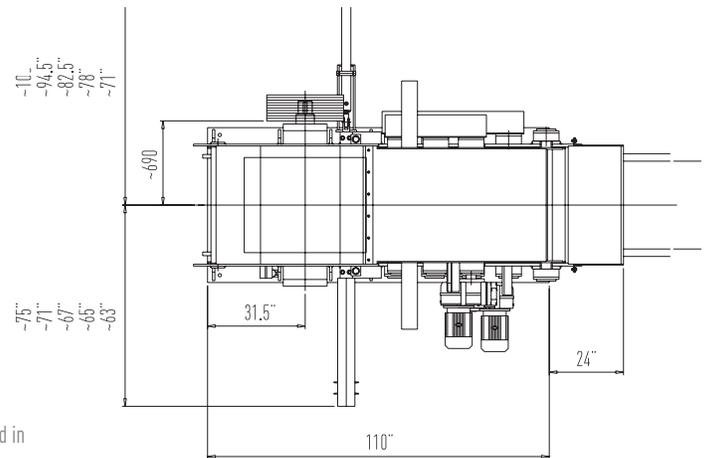
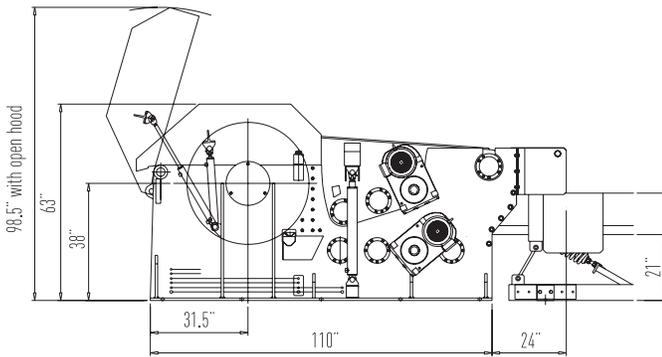
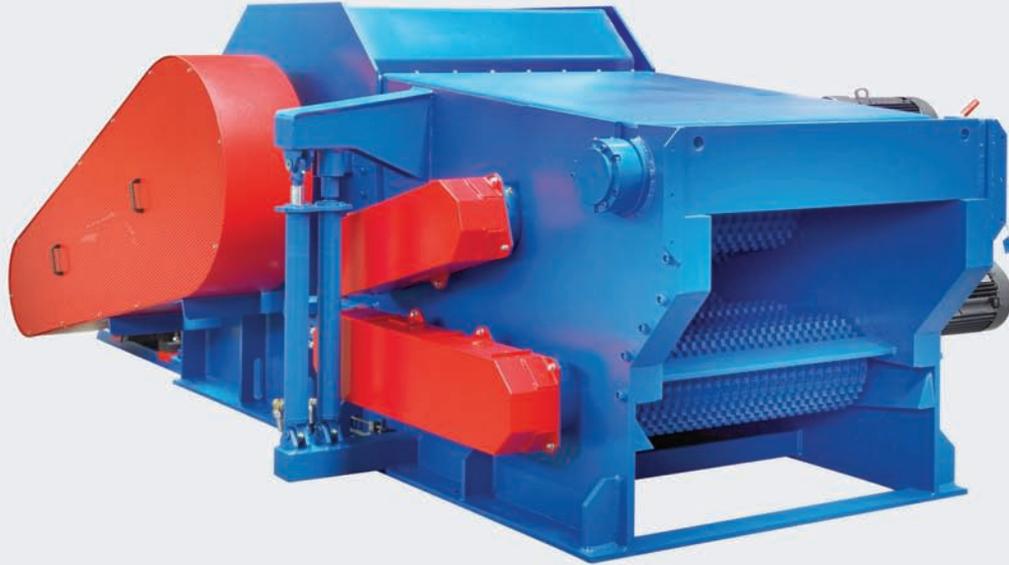


## APPLICATION

For the production of high quality wood chips made from short or long pieces of waste wood from the timber sizing and wood processing industry.

DETAILS		VTH 65/25/5	VTH 85/25/5
Infeed opening	inch	25 x 10	33 x 10
Infeed rollers	qty	5	5
Rotor diameter	inch	25	25
Number of tools	qty	2 - 4	2 - 4
Rotor speed	rpm	650 - 820	650 - 820
Chipping length	inch	.25 - 1.125 *	.25 - 1.125 *
Required motor power	HP	100 - 150	120 - 175
Max. capacity	stere/h	28 *	35 *
Weight approx.	lbs	12,550	14,750

# VTH 30



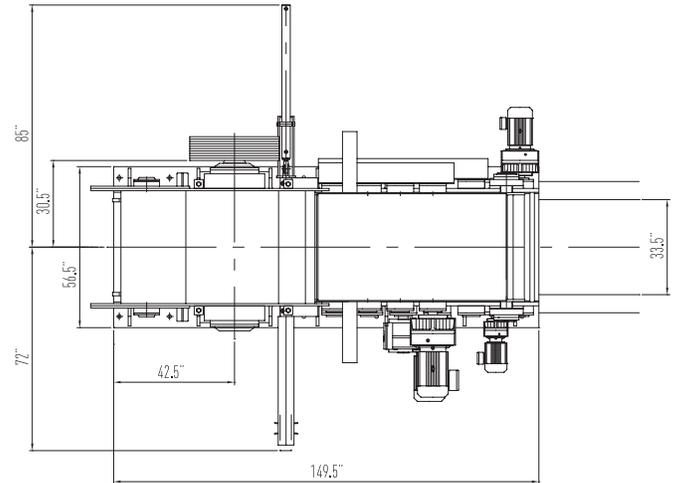
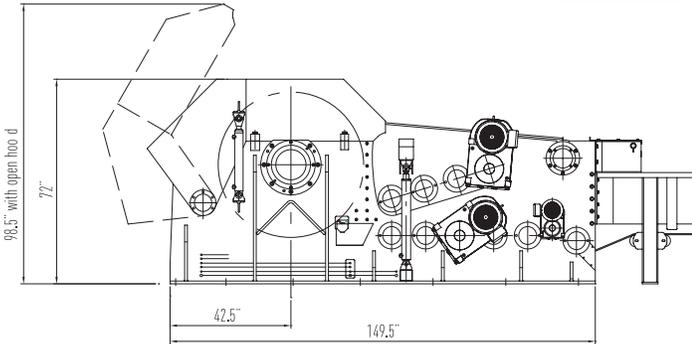
## APPLICATION

For use in sawmills, chipboard and paper industry for the generation of high quality wood chips, and in medium-sized biomass power plants for the production of energy wood chips for thermal recovery.

### DETAILS

DETAILS		VTH 75/30/7	VTH 105/30/7
Infeed opening	inch	30 x 12	40 x 12
Infeed rollers	qty	7	7
Rotor diameter	inch	40	40
Number of tools	qty	2 - 4	2 - 4
Rotor speed	rpm	600	600
Chipping length	inch	.25 - 1.125*	.25 - 1.125*
Required motor power	HP	150 - 275	175 - 325
Capacity	stere/h	16 - 45 *	16 - 65 *
Weight approx.	lbs	22,000	28,500

# VTH 35



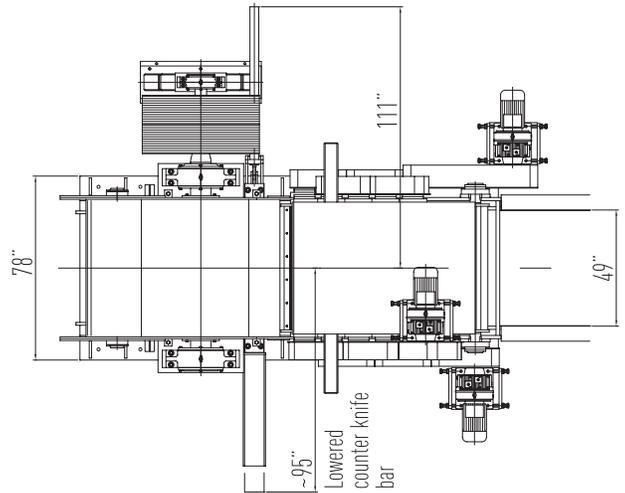
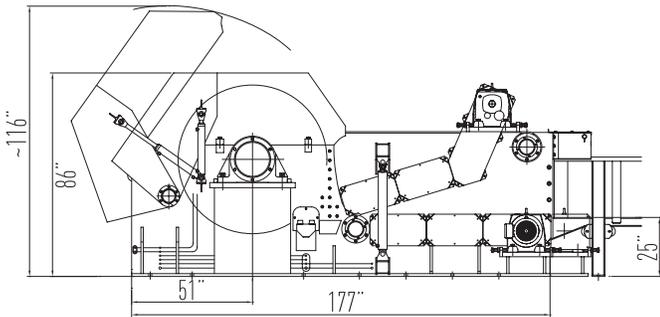
## APPLICATION

For use in the chipboard and paper industry for the creation of high quality wood chips, and in larger biomass power plants for the production of energy wood chips for thermal recovery.

### DETAILS

		VTH 85/35/9	VTH 105/35/9	VTH 125/35/9
Infeed opening	inch	33 x 14	41 x 14	49 x 14
Infeed rollers	qty	9	9	9
Rotor diameter	inch	51	51	51
Number of tools	qty	2 - 4	2 - 4	2 - 4
Rotor speed	rpm	~ 425	~ 425	~ 425
Chipping length	inch	1	1	1
Required motor power	HP	250 - 425	335 - 600	335 - 600
Capacity	stere/h	90	115	140
Weight approx.	lbs	39,650	44,100	50,700

# VTH 45

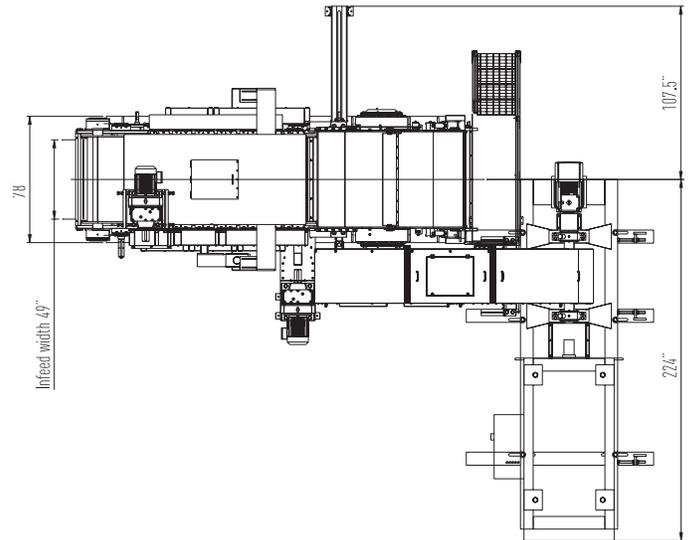
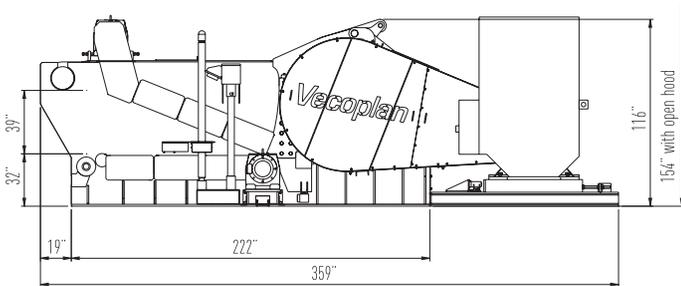
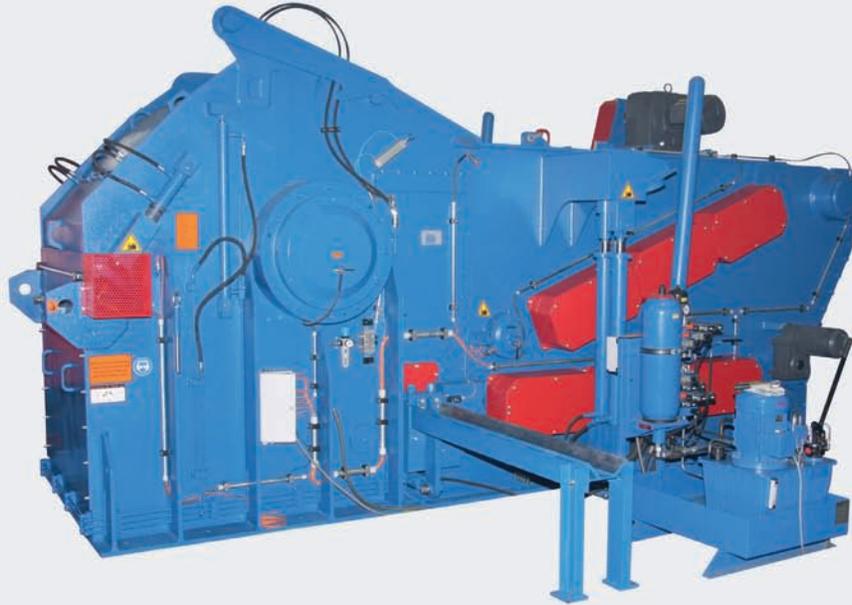


## APPLICATION

For use in the chipboard and paper industry for the creation of high quality wood chips, and in larger biomass power plants for the production of energy wood chips for thermal recovery.

DETAILS		VTH 85/45/11	VTH 105/45/11	VTH 125/45/11
Infeed opening	inch	33 x 18	41 x 18	49 x 18
Infeed rollers	qty	11	11	11
Rotor diameter	inch	63	63	63
Number of tools	qty	2 - 4	2 - 4	2 - 4
Rotor speed	rpm	~ 350	~ 350	~ 350
Chipping length	inch	1	1	1
Required motor power	HP	675 - 1000	850 - 1350	850 - 1350
Capacity	stere/h	120	150	180
Weight approx.	lbs	55,100	61,700	68,350

# VTH 85



## APPLICATION

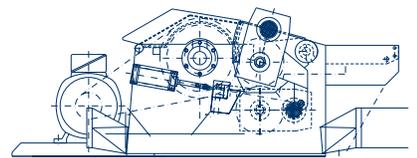
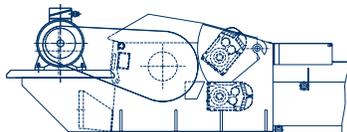
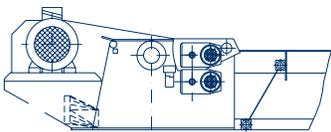
For use in the chipboard and paper industry for the creation of high quality wood chips, and in biomass power plants with extended ranges of capacity for the production of energy wood chips for thermal recovery.

### DETAILS

DETAILS		VTH 125/85/14	VTH 145/85/14
Infeed opening	inch	49 x 34	57 x 34
Infeed rollers	qty	80	80
Rotor diameter	inch	2000	2000
Number of tools	qty	3 - 4	3 - 4
Rotor speed	rpm	~ 300	~ 300
Chipping length	inch	.75 - 1.5	.75 - 1.5
Required motor power	HP	1350 - 2000	1350 - 2000
Capacity	stere/h	200 - 400 *	250 - 450 *
Weight approx.	lbs	110,200	121,250

# *Vecoplan*<sup>®</sup>

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[www.vecoplanllc.com](http://www.vecoplanllc.com)