

CONE-HEAD[®] CHIPPERS

www.dynamicmfgcorp.com

PATENTED

The Heart of ALL Cone-Head[®] Chippers!



As chips are made they move to the outside of the drum, where rim speed is greatest and are discharged at maximum velocity.

CONE-HEAD[®] Advantages/Benefits

There are many measurable benefits inherent in the CONE-HEAD[®] drum, some obvious and some not. Obvious is the size of the actual throat opening, especially the width. This means easier feeding of heavy brush, twisted limbs and wide crotches.

Big wide openings mean labor savings. Trimming and de-limbing time is reduced because the throat is bigger and takes more wood.



Many models to choose from. 50 - 500 h.p. 8"- 22"

Knife angle also brings benefits. The slicing/shearing action is especially effective when chipping stringy material such as palm fronds, vines and bamboo. There is also less vibration, which means lower overall machine stress. Knives last longer as they slide, rather than pound through the wood. Fuel consumption is considerably reduced as the Cone-Head[®] drum requires less horsepower to make chips.

Finally operator safety is greater. The self-centering action at the drum reduces wood shifting & movement in the operator area. Also the large throat openings require less effort to get big pieces into the feed wheels. With that, operator fatigue & injury can be minimized.

After the CONE-HEAD[®] drum was built and tested, it was obvious to the eye and ear that it was something special. Analysis by an independent testing agency quantified the improvement. The design indicated an efficiency gain of 21% to 63% compared to a conventional shaped drum.

New Discone[™] Unveiled

In late 2004; Dynamic took the CONE-HEAD[®] technology to yet another level with the introduction of the Discone[™] series. The Discone[™] is the combination of a CONE-HEAD[®] drum and a disc style chipper, uniquely constructed to deliver the best features of both, but all in one machine. The 21% - 63% efficiency advantage of a CONE-HEAD[®] drum is now blended with the flywheel type inertia and discharge capability that only a disc can deliver.



12" & 15" Discone series

The Birth of the CONE-HEAD[®] Drum

In 2001 Dynamic Manufacturing set out to find a better way to chip wood. Chipper technology had not significantly changed in nearly 25 years. Drawing on nearly 30 years of chipper industry experience, Dynamic began experimenting with a variety of design concepts. From that the CONE-HEAD[®] drum was born.

Shaped like an hourglass laying on its side, the name CONE-HEAD[®] is both descriptive and memorable. The "2 cones-nose-to-nose" shape creates a knife angle and chipping action that is unlike any in the industry. As the CONE-HEAD[®] drum rotates, the knife actually creates a shearing/slicing action as it passes the anvil or so called bed knife. Wood is naturally and forcefully drawn to the smaller diameter center of the drum where cutting force is the greatest.

As wood contacts the drum, it is forced to center within milli-seconds. It is held there by the self-centering action created by the opposing cones.

Contact us for a free video or more information.



5059 W. Weidman Rd. - P.O. Box 39 Weidman, MI 48893
Phone: (989) 644-8109 - Fax: (989) 644-6697
www.dynamicmfgcorp.com

#3-5012
rev. 1/08

CONE-HEAD[®] CHIPPERS[™]

From Dynamic Manufacturing

www.dynamicmfgcorp.com

PATENTED



310: 8" - 50-90 h.p.



DC-50: 12" - 90-115 h.p.



DC-55: 15" - 140 h.p.



460: 15" - 140 h.p.



510: 18" - 140 to 205 h.p.



515: 21" - 170-275 h.p.

All CONE-HEAD[®] and Discone[™] chippers come equipped with the patented CONE-HEAD[®] cutting system. 21% - 63% more efficient than other designs, you will burn less fuel, use less horsepower, and produce more in less time. Watch your productivity and profits rise while operating and maintenance costs go down. A size for every job and every budget.

Call today for more information and a demo.

	cutting system	feed opening	H.P.	weight	infeed dimension	feed rate	frame
DC-50	Discone	12" x 17"	90-115	5,000	38"h x 70"w	100 fpm	4" channel
DC-55	Discone	15" x 25"	140	7,000	38"h x 70"w	100 fpm	6" channel
310	Cone-Head	8" x 18"	50-90	3,900	28"h x 48"w	100 fpm	4" channel
410	Cone-Head	12" x 24"	115	5,900	32"h x 68"w	100 fpm	5" channel
460	Cone-Head	15" x 24"	140	7,600	32"h x 68"w	100 fpm	5" channel
510	Cone-Head	18" x 28"	125-170	8,900	45"h x 80"w	100 fpm	6" channel
515	Cone-Head	21" x 34"	170-275	11,300	48"h x 80"w	100 fpm	6" channel

Dynamic Manufacturing reserves the right to change specifications without notice.



5059 W. Weidman Rd., P.O. Box 39 Weidman, MI 48893
Phone: (989) 644-8109 - Fax: (989) 644-6697
www.dynamicmfgcorp.com