

CHIPPO

MOBILE DRUM CHIPPERS

ACTIVE FEED SYSTEM

EFFICIENT CHIPPING

BLOWER OR CONVEYOR DISCHARGE

THREE SIZES AND MANY OPTIONS





HIGHLIGHTS



- » Developed to give the highest chip quality with the lowest operating costs
- » Active feed, large, open chipping drum and high-performance discharge systems for high throughput
- » Innovative chipping blade mounting system
- » Carefully designed for high stability and reliability
- » The right machine for the job: Three sizes and many options



CHIPPO ON THE JOB

The Chippo is a new generation of mobile chipping machines from Komptech. Choosing a Chippo means choosing the highest level of wood chip quality at the lowest operating costs. Numerous features improve throughput and keep wear, maintenance and energy costs low, including active feed, efficient blade

geometry, and conveyor belt discharge. The series extends from the 510 C, one of the most powerful tractor-driven drum chippers, to the medium-upper performance truck-powered 5010 Cd, to the high-performance 8010 C with 780 HP engine.



01

Logs – energy wood

The Chippo processes logs up to 750 mm diameter. A long, wide feed table helps load logs. Two horizontal feed rollers securely grab even thick logs and pull them into the chipping area, while preventing smaller pieces from turning sideways and getting chipped against the grain. The low drum speed and optional discharge conveyor maximize chipping performance and boost product quality.



02

Forestry residue

On materials that are inherently wear-intensive due to their origin, the blade mounting design brings advantages by allowing fast changes and exact positioning. A blade protection system minimizes damage from massive contraries. The movable counter blade has a simple adjustment mechanism for fast, precise cutting gap adjustment after sharpening or blade replacement. For an even higher contamination with contraries a special drum is now available as an alternative to the standard drum: The fixed tool holders have a patented overload protection system which prevents damage to the drum body, shaft and bearing on contact with a solid contrary.



03

Pruning, tree tops

The vertical feed rollers on the sides help pull in bulky material. The rollers precompress the material as they feed it in, for precise chipping. A higher drum speed boosts the cut frequency and keeps throughput high, in combination with the optional load-dependent feed control. For wet, heavy material, the optional higher fan speed prevents blockages.

If the input material has a large amount of contraries, we recommend low-cost replaceable blades that can simply be scrapped after use.

INSIDE THE MACHINE

Innovative Technology for perfect chips.

All Chippo models have the efficient Series 10 feed and chipping system. This arrangement provides sure material capture and active feed to the drum. The open drum configuration and optimum placement of the counter-cutter make chipping extremely efficient. The large 1050 mm drum diameter allows a 750 x 1000 mm intake opening.

The adjustable blade advance and different screen baskets let the operator precisely adjust the chip size and obtain a consistent chip shape with minimal fines. Drum drive is by belt pulley and power band with soft start. If desired, a second speed is available, either by a second belt pulley or a planetary gear.

Discharge is by a blower (optional with 2 fixed speeds or steplessly adjustable), or a swivelling rear conveyor to save energy and minimize chip damage.



Active feed

- » Large tilt hopper with up to 3300 mm loading length
- » Feed system consisting of sectional steel belt, transfer roller, and 2 horizontal and 2 vertical feed rollers
- » Integrated collection system for leakage material

01
Variable-speed
blower*

02
Two-speed
chipping drum*

03
Swivelling
discharge conveyor*

04
Feed with horizontal and
vertical feed drums

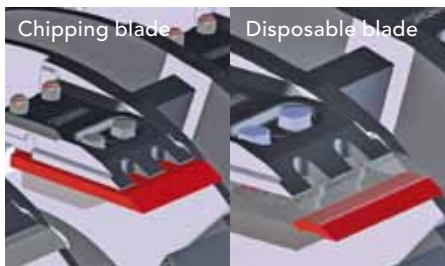
05
Wood splitter*

Option*



Efficient chipping

- » Large, open drum, optimized for low-friction material discharge
- » Exact cutting gap adjustment through movable counter blade carrier
- » New: Drum with contrary safety design - ideal for shrub cuttings and forestry residue



Sharp tools

- » 12 tool positions with contrary protection
- » Mount takes chipping blade (40 mm sharpening reserve) or disposable blades
- » Blade change in 20 min
- » Blade advance adjustable from 13-25 mm



Drum drive

- » Chipping drum drive with hydraulic belt clutch
- » Second speed by planetary gear (5010/8010) or second belt pulley (510)
- » V-belt drive for discharge blower and hydraulic power for additional functions



Discharge systems

- » Material transfer with 3 discharge screws
- » Connectable blower, optional 2-speed or steplessly adjustable
- » Optional folding and swivelling conveyor (corrugated sidewall belt)



Control

- » Graphic control panel with logical menu guidance
- » Feed stop when discharge is overloaded
- » Load-dependent feed control (option)



Maintenance friendly

- » Wide-opening side panels and doors
- » Low-wear screen basket with large screening area, hydraulic run-out for basket changes
- » Optional remote control for servicing, central lubrication



HIGHLIGHTS



- » Efficient chipping by special gearing from truck engine
- » External cooling for continuous high performance
- » Active feed with pre-compression by two horizontal and two vertical feed rollers
- » Drum speed as desired: 440 rpm for trunks or 400 & 560 for multipurpose use
- » Options: Truck or crane cab, 3 or 4-axle truck, wood splitter, XL discharge pipe, discharge conveyor and more



5010 CD EFFICIENT WORKING

The Chipppo 5010 Cd is a mounted variant powered directly from the truck by a purpose-designed drive train. The power (540 PS/397 kW) is supplied by the MAN truck. The operator sits in the comfortable cab on a converted passenger seat and can concentrate fully on working with the powerful machine. The loading crane variant with integrated crane cab offers a perfect view from above.

The Chipppo 5010 Cdt (t for "turnable") is a new version. The chipping unit is mounted on a solid turntable and swivels hydraulically through 260°. With several versions and numerous options, the Chipppo 5010 Cd direct can be configured exactly for its task. Feature overview: 3 or 4-axle truck, if desired with Hydrodrive, operation from the truck or crane cab, external cooling system, fold-out wood splitter and more.



01

Stay cool with the external radiator

An external cooling system keeps the full engine power available for chipping at all times. Performance drop-off due to overheating is virtually eliminated. The radiator is positioned under the truck cabin, where it can't pick up anything from the ground. A purpose-designed control system provides automatic self-cleaning.



02

Efficient and material-saving - conveyor discharge

The operator can switch to conveyor discharge at the press of a button. The material is discharged by a swivel conveyor from the back of a machine to a height of over 4.7 meters. There is no chip size reduction as there is with a blower. At the same time, due to the lower energy consumption of the conveyor more power is available for chipping.



03

Variable blower power

This discharge blower is available in 2-speed or steplessly adjustable versions. With the latter, the discharge distance can be set exactly, and no power is wasted through excess blowing force. The discharge pipe comes in three lengths, and like the blower, it has easily-replaceable wear elements in high-load areas.



04

No fear of drum damage

For material with a high content of contraries a chipping drum with patented safety design is now available. When the blade encounters a contrary it can't deal with, a shear bolt and swing-away blade holder minimize the danger of damage to the chipping unit. The material discharge is also set up for coarser chips, and is by conveyor only.



05

Wood splitter for the big logs

For logs over 750 mm diameter, a fold-out wood splitter can be mounted on the truck. Conveniently located next to the machine, at ground level and well within the crane operator's viewing area, the log is placed in the holder and split by a hydraulic wedge.



06

Always at the right side

With this version, the chipping unit is mounted on a solid turntable and swivels hydraulically through 260°. Since it's powered by the truck engine, the chipping unit remains compact and can turn even on narrow forest roads. Material on both sides of the road can be worked efficiently, without time-consuming machine turnarounds.



HIGHLIGHTS



- » Mobile high performance machine with 780 HP auxiliary engine
- » Well-equipped: Tough carrier truck (MAN) and strong loading crane (Epsilon) with comfortable cab
- » Large drum diameter (1050 mm) allows feeder height of 750 mm
- » Choice of discharge:
 - material-friendly and energy-saving discharge via conveyor
 - flexible and precise via blower with variable rotation speed



CHIPPO 8010 C FOR PROFESSIONALS

The Chipppo 8010 C is the most powerful machine in the Chipppo series. Powered by a 780 HP CAT auxiliary engine, the 8010 C produces up to 320 stacked cubic metres per hour. No chipper is more efficient: Its aggressive feed system, large, open two-speed drum, speed-adjustable blower and energy-saving discharge conveyor add up to top-quality chippings, in high volume, at very low cost.

It is mounted on a tough MAN 4-axle truck (5-axle truck with full equipment), with 480 hp engine and optional Hydrodrive (shiftable all wheel drive) to negotiate steep slopes. A powerful Epsilon loading crane with crane cabin and over 10 meter range gives a good action radius and a good view. Coming soon - the Chipppo 8010 C as tracked version.



CHIPPO 510 C

A STRONG ENTRY

The Chipppo 510 C is a tractor-powered chipper, ideal for landscaping and forestry companies, and for anyone planning to get into the chipping business. The machine is designed for a drive rating of up to 500 HP, making it one of the most powerful chippers in this class.

In the base configuration, the Chipppo 510 C has a sturdy chassis with tandem axle. Numerous options for the tyres, the towing mechanism and the support simplify tailoring to customer requirements. The frame and body are designed for high stability, and doors and panels simplify access for servicing.

HIGHLIGHTS

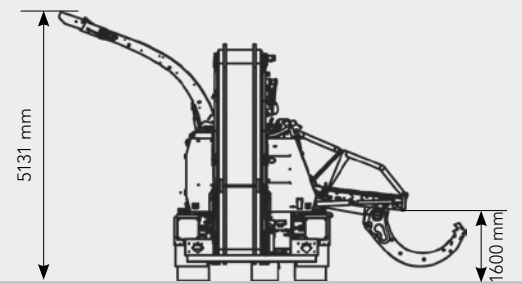
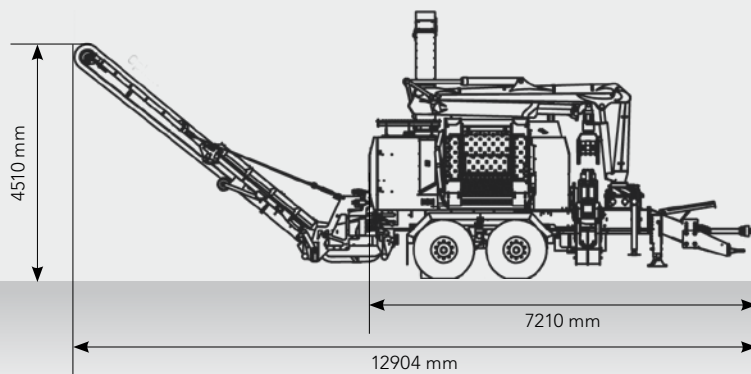


- » Tractor driven chipper designed for drive rating up to 500 HP
- » Tough 2-axle chassis with tyre options
- » Drum speed to customer specification: 400 or 560 rpm or 400 & 560 rpm (2 pulley drives)
- » Options for best working comfort: Remote control for discharge systems, camera on discharge pipe, reversing camera, foot switch etc.

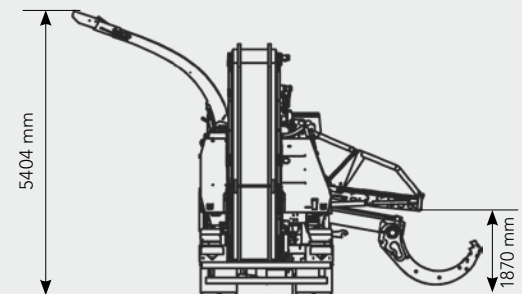
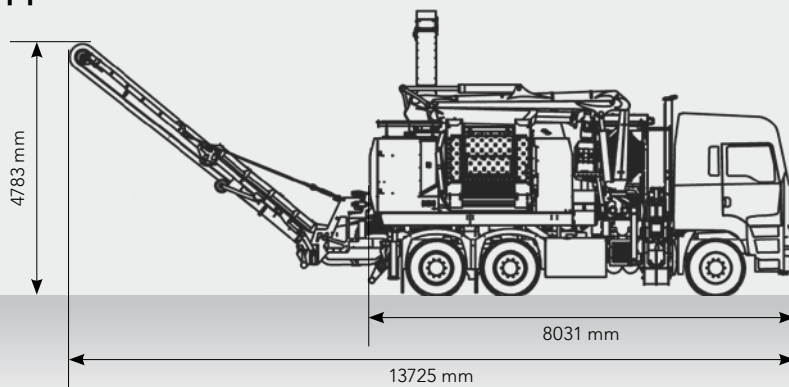


	CHIPPO 510 C	CHIPPO 5010 Cd	CHIPPO 5010 Cdt	CHIPPO 8010 C
Drive				
Type:	via PTO tractor	via truck (MAN)	via truck (MAN)	CAT C18
Power:	tractor up to 370 kW / 500 HP	397 kW / 540 HP	397 kW / 540 HP	571 kW / 780 HP
Material feeding				
Feed table L x W (mm):	2180 x 1680	2180 x 1680	1900 x 1680	2180 x 1680
Feed table height (mm):	1600	1870	2230	1870
Feeder opening H x W (mm):	750 x 1000 (with vertical feed drums 1610)			
Chipping unit				
Drum diameter (mm):	1050	1050	1050	1050
Drum width (mm):	1023	1023	1023	1023
Number of blades:	12	12	12	12
Drum rotation speed standard rpm:	400 or 560	440	440	560
Material discharge				
Blower: max. blower height (mm):	5370	5600	5600	5600
Blower: max. discharge range (m):	20	20	20	20
Conveyor belt: max. discharge height (m):	~ 4.7	~ 4.7		~ 5
Dimensions				
Transport dimensions L x W x H (mm): without conveyor belt	7170 x 2550 x 3722	3 axle: 8031 x 2550 x 4000 4 axle: 8252 x 2550 x 4000	4 axle: 8424 x 2550 x 4000	4 axle: 9012 x 2550 x 4000 5 axle: 9012 x 2550 x 4000
Weight, dependent on equipment (t):	~ 18.0	3 axle: ~ 26.0 4 axle: ~ 31.5	~ 32.0	4 axle: ~ 33.5 5 axle: ~ 35.0
Throughput (dependent on material)				
Throughput performance (m³/h):	up to 180	up to 220	up to 220	up to 320
Options				
Two drum speeds, Screen basket 45, 60, 80 mm, Hopper extension, Automatic regulation of feed speed, Blower discharge pipe (L, XL), Variable blower speed, Preparation conveyor belt discharge, Discharge conveyor belt, Central lubrication, Lorry MAN (3-axle/4-axle), Epsilon wood-loading crane (with cabin/without cabin), Special drum, Wood gripper, Remote control, Wood splitter and more				

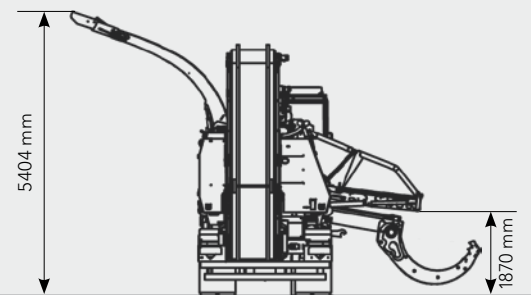
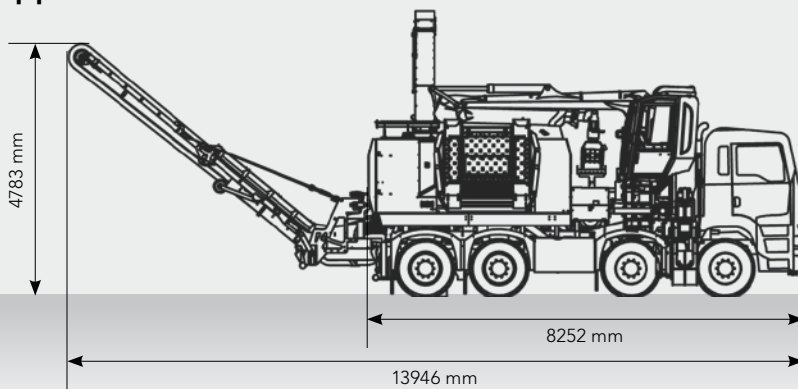
Chippo 510 C



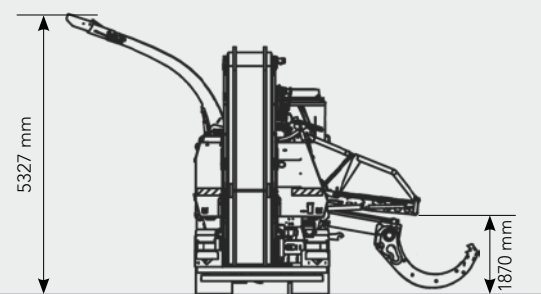
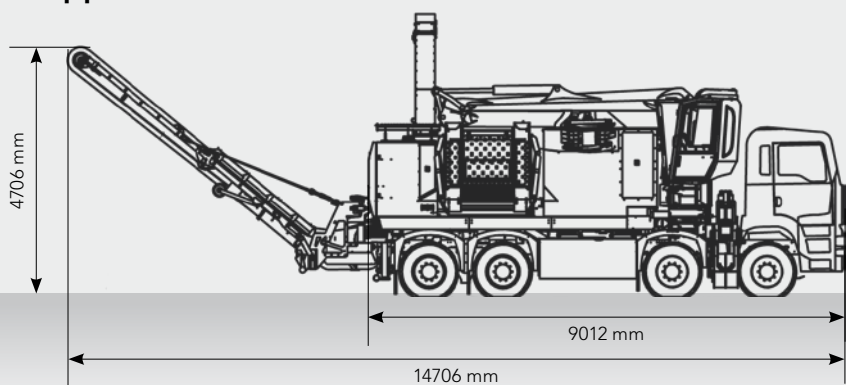
Chippo 5010 Cd - 3-axle-truck



Chippo 5010 Cd - 4-axle-truck



Chippo 8010 C



figures with options

TECHNOLOGY FOR A BETTER **ENVIRONMENT**



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