



Mobile Chipper 805.2 STC

The very best has become even better! Our 805 has been updated to 805.2 with new versions of its control and hydraulic systems for even higher productivity and easier operation. To optimize reliability and profitability of your machine, a number of other features have been improved as well.

The 805.2 STC is our multi-function version based on the BRUKS concept featuring infeed from the side and high-dumping chip bin. The machine can be installed on forwarders, trucks or other types of vehicles. A powerful, fuel-efficient 450 HP Scania diesel engine ensures effortless processing of logging slash, parts of trees and roundwood up to dia. 50 cm.

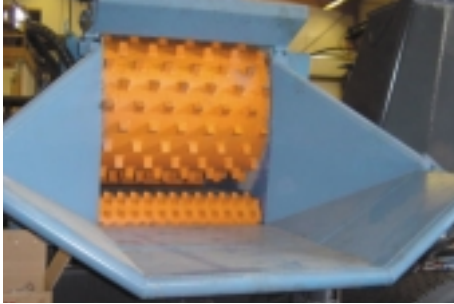
The 805.2 STC is characterized by high capacity, even and efficient chip discharge, high reliability, long material life and a wide range of possible applications.



805.2 STC

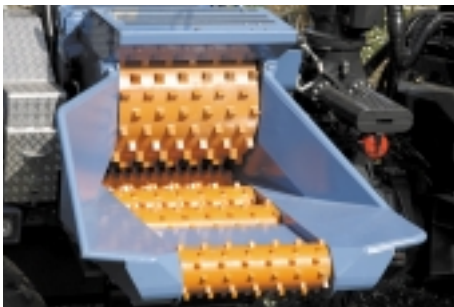
FEED DECKS

with aggressive feed rollers come in several designs for different types of raw materials. Waste traps beneath the rollers minimize spillage.



FEED HOPPER

Our simplest feed deck with one hydraulic lower feed roller. Suitable for parts of trees and roundwood.



4-5 ROLLER FEED DECK

Powered, aggressive feed rollers ensure optimum feeding of all kinds of materials.

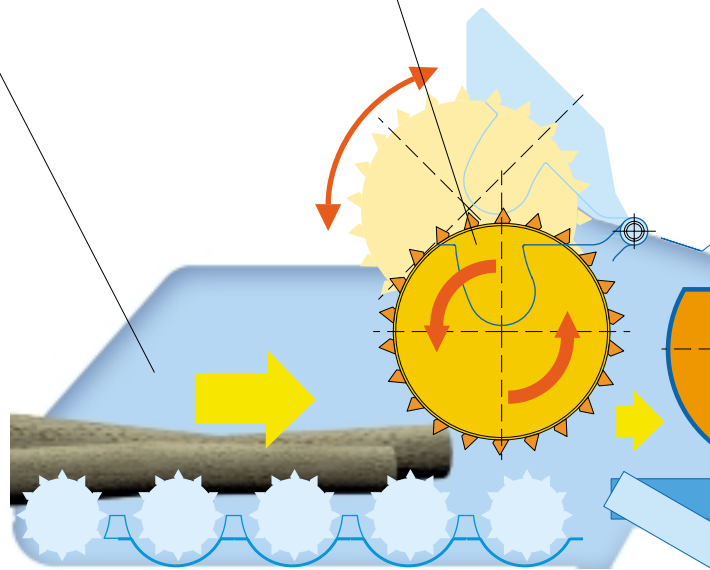


Collapsible ROLLER FEED DECK

with 3 powered rollers close to the infeed and one hydraulic roller on the collapsible outer extension. Ensures low transport height.

LARGE UPPER FEED ROLLER

Hydraulic drive with radial-piston motor and powerful, low-wear teeth ensure efficient feeding.



POWER TRANSMISSION

The Scania diesel engine powers the chipper via a drive shaft and belt drive. Engagement and disengagement via a hydraulic/mechanical belt tensioner.

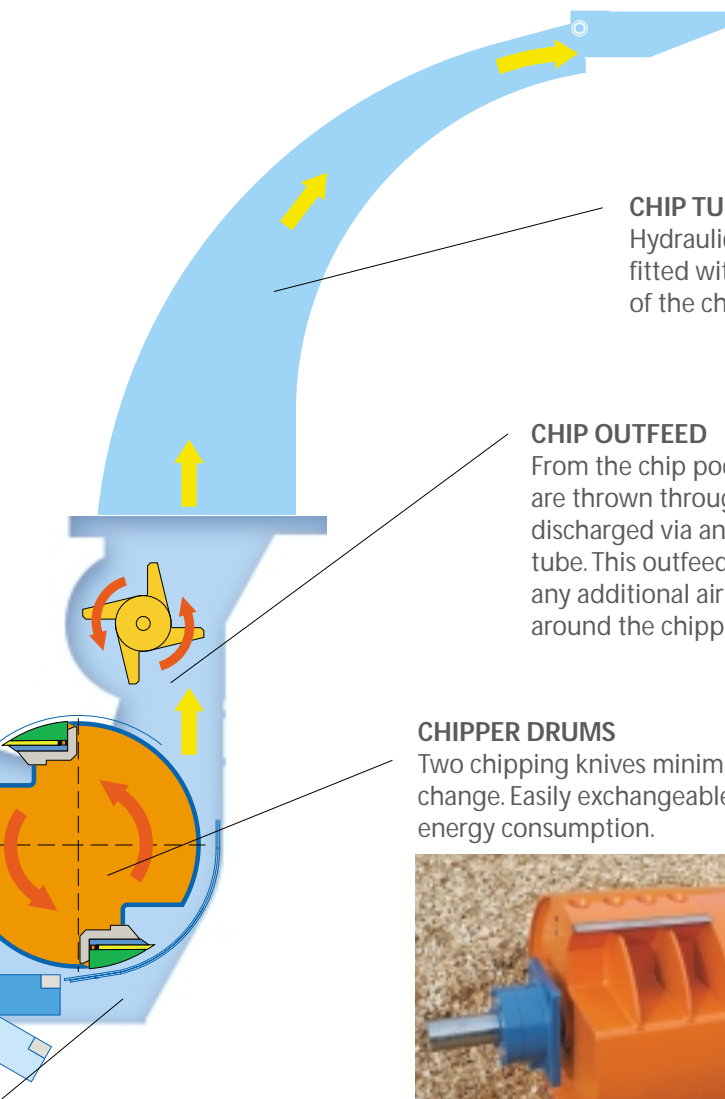
CHIPPER HOUSING

Heavy-duty chipper housing with exchangeable bottom sweep of Hardox steel. A patented swing-away anvil holder system with shear bolts protects the chipper if feeding foreign objects.



ELECTRICAL/CONTROL SYSTEM

Computer-based control system with colour touch-screen for engine and chipper. Individual adjustment options to maximize production from any kind of raw material. Easy trouble-shooting.



CHIP TUBE

Hydraulically turnable and collapsible chip tube fitted with hydraulic deflector optimizes the filling of the chip bin or other containers.

CHIP OUTFEED

From the chip pockets in the chipper drum, the chips are thrown through a sliver breaker grate before being discharged via an hydraulic accelerator through the chip tube. This outfeed system saves energy and works without any additional air intake, thus minimizing dust pollution around the chipper.

CHIPPER DRUMS

Two chipping knives minimize the amount of fines as well as downtime for knife change. Easily exchangeable wear parts. Progressive drum shape reduces wear and energy consumption.



Chipper drum for large roundwood, with one half-length knife on each of the drum halves displaced 180 degrees against each other.



Chipper drum for logging slash and smallwood, with two continuous knives.



CHIP BIN & DUMPING YOKES

High-dumping yokes raise the bin by 870 mm and displace it laterally by 500 mm to enable even, centred filling of containers or, if dumping on the ground, efficient piling of chips. As an accessory, there is a scale for weighing the chips in the bin.

HYDRAULIC SYSTEM

Load-sensing hydraulic system with proportional and flow-adapted functions. Large hydraulic tank with efficient filter and electrical filler pump.

MOUNTING FRAME

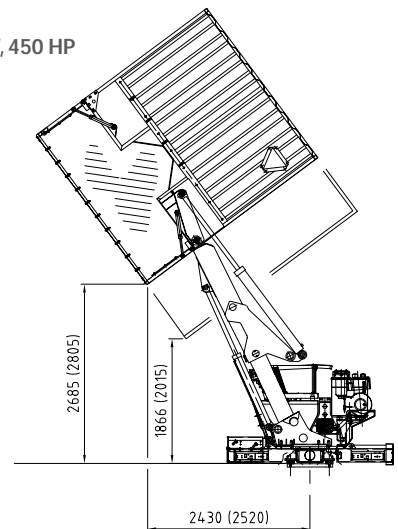
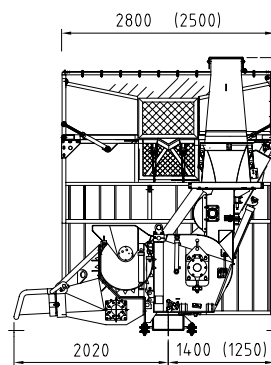
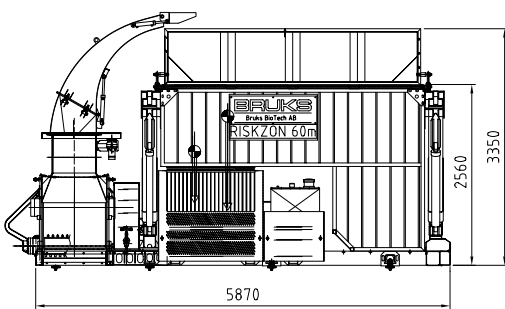
The chipper comes with a mounting frame and optional mounting kits adapted to different carrier vehicles. Springs between chipper and carrier frames counteract noise, vibrations and strain.



TECHNICAL DATA 805.2 STC

Chipper drum diameter: 800 mm
 Infeed opening, w x h: 850 x 720 mm
 Max. log dia., softwood: 50 cm
 Max. log dia., hardwood: 40 cm
 Number of chipping knives: 2

Chip length, adjustable: 25-40 mm
 Diesel engine: Scania 331 kW, 450 HP
 Machine weight (without chips): From 11 tons
 Chip bin volume: 18-21 cu.m.



The illustrations do not necessarily show the exact design of the products at any given time. The products have to be used in conformity with common practice and all applicable safety regulations. Specifications for equipment presented here can be changed without prior notice.

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