

Stand: 08 / 2021

JENZ Chippertruck, type HEM 593 R
product description no. HEM593R-Truck-500024008-21/08E



The picture shows options which are not standard

Appropriate for material diameters:

Hardwood:	45 cm
Softwood, bush pruning:	56 cm
Production.:	up to 270 srm/h

Chip quality:

Dependent on the entrance material, the assigned screen and adjusted feeder speed, the machine produces a chopping property of the classes G30, G50 or G100.

Feed aperture

Feeding width	Approx. 1.400 mm
Feeding high	Approx. 680 mm

Infeed

Design	Integrated side extension
Lower infeed	1 aggressive draw-in roller + Steel palte conveyor until the front of the infeed hopper
Upper infeed	Aggressive heavy duty toothed draw in roller incl. hydraulic for lifting
Infeed drive	Upper infeed with internal gear unit Lower infeed with slip-on gear unit
Locking device feeder table	Automatic locking and unlocking feeder table

Grinding unit

Rotor diameter	820 mm
Rotor construction	The choosed version of drum has to be defined in the offer / order
Rotor design	Depending on the rotor construction
Unit of installed knives	Full set; depending on the rotor construction 1 or 2 cuts / drum rotation
Type of installed knives	Depending on the rotor construction
Pre-grip distance	depending on the rotor construction
Rotor drive	Powerbelt
Rotor clutch	Hydr. belt clutch
Screen	Without, See configuration in the offer / order
Change of screen	Slides out with the hydraulic operated back door
Screen cover	Hydraulically locking device for quick and comfortable access
Leakage material collection system	Version with 7 worms
Foreign material identification system	To minimize consequential damages in case of foreign objects entry

Material discharge:

Ventilator housing / Fly-wheel	large and low-wear ventilator housing blower cover hinged and with eccentric lock - comfortable access for service operation Fly-wheel with 5 paddles
Position of the blower	Centrally arranged on the truck
Ventilator wear plates / wear and discharge capacity	Max/Max
Drive of ventilator	hydraulically via p.t.o. from the truck engine with high-pressure pump with approx. 350bar in a closed circuit. Speed of the fly wheel variable adjustable
Drive of chip worm	by chipper hydraulic
Speed of fly-wheel	Variable from approx. 350rpm to approx. 800rpm
Discharge tube	discharge tube parable, can be turned hydraulically with wear plates at the back and both sides two discharge claps, hydraulically adjustable, wear parts made of Hardox
Turning device for discharge tube	turning device large and encapsulated, with multi-disc brake, clearance width approx 290 mm

Additional equipment:

Lubrication points	centralized automatic lubrication system and lubrication points comprised on central lubrication panel for manual lubrication; type: flexible high pressure pipe
Circulating blinking lights	2 pcs. on roof of drivers cab 1 pcs. on rear covers installed
Standard light package	8 pcs. LED lamps, (4 pcs. on the crane, 2 pcs. on the blow pipe, 2 pcs. on the rear) in total: 14 pcs. LED-lights
Documents	2 x operation instruction english Spare parts catalogue EC-Conformity Declaration Servicemanual
Tools	Bord tool set


Control-function

Machine control	easy2TOUCH: 10,4 inch touch display easy2SELECT: Display joystick Machine control completely on CAN-bus base
DIP	Function to push the upper feeder down
Automatic Overload	Interrupts conveyor advance in case of rotor speed loss
Scale-up Assistant	By pressing a button, the supports are extended, the infeed table lowered and the discharge pipe raised.
Scale-down Assistant	By pressing a button, the supports are retracted and the feed-in table raised.
Remote diagnostics module	Transmission of the log data with a time delay of 24h, once a day to JENZ. The JENZ service can analyze errors more quickly and provide concrete support in case of questions. Duration 24 months from date of completion. Extension of contract against charge possible.
Chipper Feed Assistant	The CFA regulates the intake speed depending on the drum speed. The chipper runs in an optimal working area and ensures a constant quality woodchip.

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MAN basic vehicle

Standardversion	MAN truck, type TGS 33.510 6x6 BB exhaust emission: EURO 6d drivers cab: type "LX" automated control gear MAN TipMatic®
Wheelbase	3600mm
Engine, Emission standard	Diesel engine MAN D2676, 12,4ltr., inline 6-cylinder, Power: 375kW (510HP), 2.600Nm, Euro6d Automated gearbox MAN TipMatic® - MAN TipMatic® automated gearbox The transmission takes over automatically Clutch actuation, gear shifting and shift strategy. - Choice between automatic mode or manual shifting - Gear function rocking freely
Fuel filter	heated
Air intake	with MAN air intake system incl. original MAN cyclone pre-separator in front of the air intake
Tyre equipment front axle'	2 * MI 385/65R22,5 XZY3 TL 160& K
rear axle	4 * MI 315/80R22,5 X WORKS XDY
rear axle 2	4 * MI 315/80R22,5 X WORKS XDY
Cab	Type TM Color ambience Moon Gray in the interior
	
Varnish	wheel base: graphite-black RAL 9011 wheels: white aluminium RAL 9006 drivers cab: trafic green RAL 6024
Tilting device in the driver's cab	Electric
rear-view mirror	Electrically adjustable exterior rear-view mirror with, heated
Central locking	with remote control

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Front headlights	LED version including daytime running lights and stone protection (grid, large-meshed)
Fog lights	LED version 
Rear lights	LED version
Indicator	LED version incl. comfort flashing function
Entry lighting	for maximum occupational safety when getting in and out
Horn	Two stainless steel air horns on the cab roof
Driver´s seat	Comfortable driver's seat, air-spring, with lumbar support and shoulder adjustment Active seat air conditioning cools, heats and dries the contact surfaces on the seat and backrest Seat covers, textile, comfort Armrests for driver's seat
Operator seat	Comfortable seat, air-spring, with lumbar support and shoulder adjustment Active seat air conditioning cools, heats and dries the contact surfaces on the seat and backrest Adjustable BG armrests with brackets for the joysticks
Steering wheel	Multifunction steering wheel, height and tilt adjustable 
Additional sockets	2 sockets, central driver's cab, 12 V and 24 V.
Air conditioning, Climatronic	Climatronic, fully automatic air conditioning of the driver's cab 

Cruise control Adaptive cruise control (ACC) for maximum driving comfort



Infotainmentsystem MAN Mediasystem Advanced 7 inches including smartphone integration and MAN Sound System



Coupling Ringfeder-towing device type 5055A for twin axle trailer. D-value 200kN, Dc-value 135kN, V-value 75/63 kN, Permitted support load 1000/2000 kg bolt diameter 50 mm

Additional preparation JENZ Chippertruck

Preparation for assembly JENZ HEM593R with S11F107 warp resistant subframe with following points:

- support for assembly of JENZ HEM593R
- support for assembly of Epsilon crane S11F107 behind the truck cabine
- frame sandblasted and painted
- special chipper gearbox to drive JENZ HEM593R
- fender above and on both sides of the diesel tank

Mud guards aluminium mud guards (1x left / 1x right)
 - constant across both rear axles mounted
 - colour acc. to the basic chassis

Diesel tank Approx. 720 Ltr., on right side

Ad-blue tank 60 ltr. Ad-blue tank, on left side

Preparation truck cabine, type "TM" Cab glazing with large rear and side windows and high-quality security car window film, type Securlux

Side viewing window on the high roof on the right of the TM cab above the passenger door

Languages for MAN truck instruction: german
 language 1 display: german
 language 2 display: english

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Working platform	working platform made out of chequer plate between the crane and chipper
Support for shovel and broom	on suitable place assembled
Additional support	to carry a second screen with the machine
staircase to screen hood	Fitted at the frame end of the truck, foldable ladder; fixed platform with handrail for comfortable, safe access to the screen hood
Storage compartments over diesel tank	storage compartment, extendable, for tool box, as well as a lockable storage compartment f.e. a chainsaw

EPSILON loading crane

Standardversion	<p>EPSILON crane, type S11F107</p> <p>lifting moment gross: 143,0 kNm</p> <p>lifting moment net: 100,0 kNm</p> <p>turning moment net: 36,0 kNm</p> <p>turning angle: 385°</p> <p>max. outreach: 10,7 m</p> <p>working pressure: max. 240 bar</p> <p>required iol supply: 80 - 100 l/min</p> <p>electric: 24 V</p> <ul style="list-style-type: none"> - heavy double swing gear with end cushioning - death centre against safety valve - PVG32 compl. mounted with fittings hoses and adjusted pressure - EPS-Light - EPS-Link - Rotator GV141 with safety bar - Indexator MPB with swing brake - hoses crane - rotator - hoses rotaror - grab - KTL-primer and varnish in RAL 3020, trafic red
Joysticks	Manufacturer Sauer-Danfoss, Prop 1 for control of the loading crane

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Grap	4-finger grap, type Cranab CE280 weight: 225kg load capacity: 3.500kg max. pressure: 235bar grap power: 12,4kN loading space: 0,25m ² grap opening: 1.500mm
Support system	heavy 2-point support, manufactured by JENZ - support discs 400 x 400 mm, vertically movable - static support width

Temperature range

Ambient temperature max. / min.	+35°C / -20°C
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Weight / Axle load

Weight / Standard version	Approx. 26.000 kg (The total weight of the machine is increased by the weight of chosen options)
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Remark:

Special equipments according attached offer / order confirmation

Technical details are subject to our policy of continous improvement.

JENZ GmbH
Maschinen- und Fahrzeugbau