

Export Machines



Machinery for the maintenance of green areas

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WOOD CHIPPERS



CHIPPER TV 12-20

Driven by PTO of the tractor

Basic machine:

- Chipper disc ø 680 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM (540 RPM in option)
- Minimum required tractor power: 20 HP
- 2 hydraulically driven infeed rolls with reverse coupling, chip size regulation from 1 till 25 mm, infeed rolls driven by tractor hydraulics (2 hoses with quick couplers)
- Safety device (handle) against unsuspected switch-on
- Ejector chute 2,3 m high, 300° revolving (EN13525)
- Wood diameter round wood max: 120 mm
- Infeed opening between the infeed rolls: 200 mm x 120 mm
- Designed for tractor 3-point linkage.
- Noise reducing coating
- Free wheel in PTO

TV12-20P= Complete machine

TV12-20P Same as TV120P= but with incorporated hydraulic pump group.



CHIPPER TV 12-20

Machine with diesel engine

Basic machine:

- Chipper disc ø 680 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc: 1250 rpm
- 2 hydraulically driven infeed rolls with built in pump with stop and reverse coupling and chip size regulation from 1 till 25 mm
- Safety device (handle) against unsuspected switch-on
- Ejector chute $\pm 2,3$ m, with adjustable flap, 300° revolving (EN 13525)
- Round wood diameter max: 120 mm
- Infeed opening between the rolls: 200 mm x 120 mm
- Built-in diesel engine LOMBARDINI, air-cooled, 2 cyl., 21 kW, 28.5 HP, with free wheel coupling and reduction gearbox, direct drive of the chipper disc trough a flexible coupling, battery 12 Volt, hour meter, battery key, ANTI-STRESS system Classic and low fuel level indicator
- Basic machine mounted on high speed trailer, 80 km/h, with mudguards and lights (13-pole), tires 185/14, support wheel

TV12-20D2F

Basic machine



CHIPPER TV 16-22

Driven by PTO of the Tractor

Basic machine:

- Chipper disc ø 680 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 rpm (540 rpm optional)
- Minimum required tractor power: 25 HP
- 2 hydraulically driven infeed rolls with reverse coupling and chip size regulation from 1 to 25 mm, driven by tractor hydraulics (2 hoses with quick couplers)
- Safety device (handle) against unsuspected switch-on
- Ejector chute with adjustable flap: ± 2,3 m high, 300° revolving (EN 13525)
- Round wood diameter maximum: 160 mm
- Infeed opening between the rolls: 225 mm x 160 mm
- Mounted on a tractor 3-point hitch
- Noise reducing coating
- Free-wheel PTO

TV16-22P= Complete machine

TV16-22P Same as TV160P= but with incorporated hydraulic pump group

TV16-22PT machine REVOLVING over 270° with pump group
540 RPM gearbox and Anti-Stress Classic



CHIPPER TV 16-22 DIE H.D.**Machine with diesel engine (H.D.)****Basic machine:**

- Chipper disc ø 680 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc: 1500 RPM
- Hydraulically driven infeed rolls with built-in pump group with stop and reverse coupling, chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute: $\pm 2,3$ m , with adjustable flap, 300° revolving (EN 13525)
- Round wood diameter max: 160 mm
- Infeed opening between the rolls: 225 mm x 160 mm
- Built-in diesel engine Hatz 3L41C, air-cooled, 3 cyl. 38 kW, 52 HP, with automatic fluid coupling and reduction gear box (no belts). Battery 12 Volt.
- Machine mounted (fixed) on galvanised trailer high speed, 80 km/h, with mud guards and lights (13 pole), tires 185/14, support wheel and ball hitch
- Dashboard in closed box
- Electric fuel gauge indicator
- Anti-Stress system Classic
- Hour meter
- Battery key

TV16-22HDF	Complete machine
TV16-22HD	Machine revolving over 360°, mounted on ball-bearing, with high speed trailer 80 km/h, tires 185/14 (pay attention for infeed height) or 20.5x8.0-10, support wheel and ball hitch
TV16-22DATC	- Machine mounted on a tracked undercarriage, 360° turn able, double pump, dead man's handle; Foldable and lockable man platform, safety guard Track dimensions: L= 1768 mm – W= 250 mm – H= 364 mm – Triple pump



CHIPPER TV 18-23

Driven by PTO of the tractor

Basic machine:

- Chipper disc ø 680 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 rpm (540 rpm optional)
- Minimum required tractor power: 30 HP
- 2 hydraulically driven infeed rolls with reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- Incorporated pump group to power the infeed rolls
- Ejector chute with adjustable flap: $\pm 2,3$ m high, 300° revolving (EN 13525)
- Round wood diameter maximum: 160 mm
- Infeed opening between the rolls: 225 mm x 160 mm
- Mounted on a tractor 3-point hitch
- Noise reducing coating
- Free-wheel PTO

TV1823P Basic machine with pump group

TV1823PT machine REVOLVING over 270° with pump group
540 RPM gearbox and Anti-Stress Classic



WOOD CHIPPER TV 18-23 ECOlogic

Machine with diesel engine

Basic machine:

- Chipper disc ø 680 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc: 1500 RPM
- Hydraulically driven infeed rolls with built-in pump group, stop / reverse coupling, adjustable chip length from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- ► BIO degradable oil
- High ejector chute: ± 2,3 m, with adjustable flap, revolving over 300° (EN 13525)
- Round wood diameter max: 180 mm
- Infeed opening between the rolls: 230 mm x 180 mm
- ► **ENGINE HATZ 3L41C** noise reduced,
3 cylinder, air cooled, 38 kW, **52 HP**, with automatic fluid-coupling and reduction gear box,
direct transmission of the chipper disc trough flexible coupling (= no belts), battery 12 Volt.
- Complete noise reducing kit, consisting of:
 - Transparent flaps in the funnel
 - Noise dampening material on the funnel and the chipper
 - Noise dampening material on top of fluid coupling and the gear box
- Machine mounted fixed on a galvanised trailer, high speed, single axle, 80 km/h with lights (13-pole) and mudguards, tires 185/14, support wheel and ball hitch.
- Dashboard hidden in closed compartment
- Electric fuel gage indicator
- Anti-stress system Classic
- Hour meter
- Battery key

TV1823DF	Complete machine
TV1823D	Machine on turntable 360°, tires 185/14 (pay attention for infeed height) or 20.5x8.0-10
TV1823DATC	Machine mounted on a tracked undercarriage, 360° turn able, double pump, dead man's handle; Foldable and lockable man platform, safety guard Track dimensions: L= 1768 mm – W= 250 mm – H= 364 mm – Triple pump



CHIPPER TV 180

Driven by PTO of the tractor

Basic machine:

- Chipper disc ø 800 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- 2 hydraulically driven infeed rolls with built in pump group, with stop and reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute with adjustable flap: 2.5 m high, 300° revolving (EN 13525), on ball bearing.
- Round wood diameter max: 180 mm
- Infeed opening between the rolls: 260 mm x 180 mm
- Noise reducing coating
- 3 point linkage cat I or II
- Equipped with PTO-shaft with freewheel
- Centralized greasing of the lower infeed roll

TV180P	Complete machine
TV180PT	Machine revolving over 270° on ball-bearing 540 RPM gearbox and Anti-Stress system Classic
TV180PTN	Machine on 3 point hitch 2x90° turn able, only available with 1000 RPM disc + anti-stress Classic



CHIPPER TV 180

Hydraulically driven machine

Basic machine:

- Chipper disc \varnothing 800 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- Hydraulic driven chipper disc trough a high flow hydraulic motor (up to 220 bar) with anti-cavitation valve
- Safety device (handle) against unsuspected switch-on
- Minimum required hydraulic power: 80l/min. max. 100 l/min. at 220 bar
- Start – stop of the chipper from the carrier vehicle
- Anti-Stress system Classic
- 2 hydraulically driven infeed rolls with built in pump group, with stop and reverse coupling and chip size regulation from 1 to 25 mm
- Machine revolving 270°, mounted on a turn table
- High ejector chute with adjustable flap: 2.5 m high, 300° revolving (EN13525), on ball bearing, with adjustable flap.
- Round wood diameter max: 180 mm
- Infeed opening between the rolls: 260 mm x 180 mm
- Mounting on the carrier trough an adapted quick change system (exact measurements to be provided with order)
- Noise reducing coating
- Hydraulic hoses (with quick couplers)
- Centralized greasing of the lower infeed roll

TV180H	Revolving over 270° on ball bearing turn table
TV180HF	Machine mounted on a 3-point hitch, none revolving, with flywheel powered by a hydraulic motor with high flow, and a PTO shaft. Minimum 80 litres oil flow and 185 bars.

CHIPPER TV 180
Machine with diesel engine

Basic machine:

- Chipper disc ø 800 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc: 1000 RPM
- Hydraulically driven infeed rolls with built in pump, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute: 3 m, with adjustable flap, revolving over 300° (EN 13525), on ball-bearing
- Round wood diameter max.: 180 mm
- Infeed opening between the rolls: 260 mm x 180 mm
- Built-in diesel engine HATZ SILENT PACK, 3L41C, 3 cyl. silenced, 38.6 kW, 52 HP, with automatic fluid-coupling and reduction gear box, direct transmission of the chipper disc by means of flexible coupling (no belts) battery 12 Volt, battery-key, hour meter, fuel gauge, dashboard in closed box.
- Machine mounted on high speed trailer, double axle, height adjustable drawbar with DIN eye ø40 or ball hitch, mud guards and lights (13 pole)
- Machine revolving over 360°
- Noise reducing coating
- Centralized greasing of the lower infeed roll
- Anti-stress system Classic

TV180D

Complete machine



Standard 3-point machine with optional light bar on top



3-point machine with optional 2x90° turntable

CHIPPER TV 20 -26

Driven by PTO of the tractor

Basic machine:

- Chipper disc \varnothing 800 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- 2 hydraulically driven infeed rolls with built in pump group, with stop and reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute with adjustable flap: 2.5 m high, 300° revolving (EN 13525), on ball bearing.
- Round wood diameter max: 200 mm
- Infeed opening between the rolls: 260 mm x 200 mm
- Noise reducing coating
- 3 point linkage cat I or II
- Equipped with PTO-shaft with freewheel
- Centralized greasing of the lower infeed roll

TV2026P	Complete machine
TV2026PT	Machine revolving over 270° on ball-bearing 540 RPM gearbox and Anti-Stress system Classic
TV2026PTN	Machine on 3 point hitch 2x90° turn able, only available with 1000 RPM disc + anti-stress Classic



CHIPPER TV 20-26HHP

Hydraulically driven machine

Basic machine:

- Chipper disc ø 800 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- Hydraulic driven chipper disc trough a high flow hydraulic piston motor F12-80 (up to 350 bar) with anti-cavitation valve
- Safety device (handle) against unsuspected switch-on
- Minimum required hydraulic power: 80l/min. max. 120 l/min. at 330 bar
- Start – stop of the chipper from the carrier vehicle
- Anti-Stress system Classic
- 2 hydraulically driven infeed rolls with built in pump group, with stop and reverse coupling and chip size regulation from 1 to 25 mm
- Machine revolving 270°, mounted on a turn table
- High ejector chute with adjustable flap: 2.5 m high, 300° revolving (EN13525), on ball bearing, with adjustable flap.
- Round wood diameter max: 200 mm
- Infeed opening between the rolls: 260 mm x 200 mm
- Mounting on the carrier trough a adapted quick change system (exact measurements to be provided with order)
- Noise reducing coating
- Hydraulic hoses (without quick couplers)
- Centralized greasing of the lower infeed roll

TV2026HHP Revolving over 270° on ball bearing turn table



CHIPPER TV 20 - 26

Machine with diesel engine

Basic machine:

- Chipper disc ø 800 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc: 1000 RPM
- Hydraulically driven infeed rolls with built in pump, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute: 3 m, with adjustable flap, revolving over 300° (EN 13525), on ball-bearing
- Round wood diameter max.: 200 mm
- Infeed opening between the rolls: 260 mm x 200 mm
- Built-in diesel engine HATZ SILENT PACK, 3L41C, 3 cyl. soundless, 38.6 kW, 52 HP, with automatic fluid-coupling and reduction gear box, direct transmission of the chipper disc by means of flexible coupling (no belts) battery 12 Volt, battery-key, hour meter, fuel gauge, dashboard in closed box.
- Machine mounted on high speed trailer, double axle, height adjustable drawbar with a DIN eye ø40 or ball hitch, mud guards and lights (13 pole)
- Machine revolving over 360°
- Noise reducing coating
- Centralized greasing for the lower infeed roll
- Anti-stress system Classic

TV2026D

Complete machine



WOOD CHIPPER TV 22 – 32

Driven by PTO of the tractor

Basic machine:

- Chipper disc diameter 1000 mm, equipped with 2 knives in Tungsten Carbide
- Counter knife in Tungsten Carbide
- PTO driven : 1000 TPM
- 2 hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 till 25 mm
- Safety device (handle) against unsuspected switch-on
- Ejector chute height ± 3 m high, revolving over 300° on ball bearing (EN13525), adjustable flap
- Maximum diameter round wood: 220mm
- Opening between infeed rolls: 320 mm x 220 mm
- Noise reducing coating
- 3 point hitch Category II with heavy bracket
- Free wheel PTO shaft
- Centralized greasing of the bottom roll + main axle bearings

TV2232P Complete machine

TV2232PTN Machine on 3 point hitch 2x90° turn able, only available with 1000 RPM disc
+ anti-stress Classic included



CHIPPER TV 250

Driven by PTO of the tractor

Basic machine:

- Chipper disc ø 1000 mm, equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- Number of revolutions of the disc: 1000 RPM
- 2 hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute with adjustable flap, 3 m high, 300° revolving (EN 13525), on ball-bearing
- Round wood diameter maximum: 250 mm
- Infeed opening between the rolls: 320 mm x 250 mm
- Noise reducing coating
- 3-point linkage cat. II with extra heavy frame
- Equipped with PTO-shaft with free wheel
- Centralized greasing for the lower infeed roll

TV250P Complete machine

TV250PTN Machine on 3 point linkage - revolving 2x90°, only for 1000 RPM machine + anti-stress system Classic included



CHIPPER TV 250
Machine with diesel engine

Basic machine:

- Chipper disc ø 1000 mm, equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc: 1000 RPM
- Hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute: 3 m, with adjustable flap, revolving over 300° (EN13525), on ball-bearing
- Round wood diameter max.: 250 mm
- Infeed opening between the rolls: 320 mm x 250 mm
- Built in diesel engine HATZ SILENT PACK, 4L41C, 4 cyl, noise reduced, 51.4 kW, 70 HP, with automatic fluid coupling and reduction gear box, direct drive of the chipper disc trough flexible coupling (no belts), battery 12 Volt, battery key, hour meter, electric fuel gauge indicator, dashboard in closed box. Machine on high speed trailer double axle, height adjustable drawbar with DIN eye ø 40 mm or ball hitch, mud guards and lights (13 pole)
- Mounted on ball bearing and revolving over 360°
- Noise reducing coating
- Centralized greasing of the lower infeed roll
- Anti-stress system Classic

TV250D

Complete machine

CHIPPER TV 27-40**Driven by PTO of the tractor****Basic machine:**

- Chipper disc \varnothing 1000 mm, equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- PTO axle diameter on the main axle: 1" 3/4
- Number of revolutions of the disc: 1000 RPM
- 2 hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute with adjustable flap: 3 m high, 300° revolving (EN 13525), on ball bearing.
- Round wood diameter max: 270 mm
- Infeed opening between the rolls: 400 mm x 270 mm
- Noise reducing coating
- 3-point linkage cat II and III
- Equipped with PTO-shaft with free wheel W2500
- Centralized greasing of the lower infeed roll

TV2740P complete machine
TV2740PTN tractor turnable 2x90°

Funnel for crane feeding



Funnel for crane feeding with steel conveyor belt: 1,70 m



Funnel for crane feeding with steel conveyor belt : 2,80 m



CHIPPER TV 27-40**FUNNEL FOR CRANE FEEDING WITH OR WITHOUT STEEL CONVEYOR BELTS****Driven by PTO of the tractor****FOR CRANE FEEDING ONLY****Basic machine:**

- Chipper disc ø 1000 mm, equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- PTO axle diameter on the main axle: 1" 3/4
- Number of revolutions of the disc: 1000 RPM
- 2 hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Cable controlled operation of the infeed rolls (and possible steel conveyor belts) :
Infeed – stop – reverse – emergency stop
- High ejector chute with adjustable flap: 3 m high, 300° revolving (EN 13525), on ball bearing.
- Round wood diameter max: 270 mm
- Infeed opening between the rolls: 400 mm x 270 mm
- Funnel for crane feeding 1,70 m + extended 3-point (only for machines fixed on trailer)
- Anti-stress SPECIAL ADVANCED with : hour meter, four emergency stops
- Light bar on top of the funnel, protected
- Noise reducing coating
- 3-point linkage cat II and III
- Equipped with PTO-shaft with free wheel W2500
- Centralized greasing of the lower infeed roll

2740PGA complete machine



CHIPPER TV 27-40

Special version : household waste recycling centre
Driven by PTO of the tractor

Basic machine:

- Chipper disc ø 1000 mm, equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO driven: 1000 RPM
- PTO axle diameter on the main axle: 1" 3/4
- Number of revolutions of the disc: 1000 RPM
- 2 hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute with adjustable flap: 3 m high, 300° revolving (EN 13525), on ball bearing.
- Round wood diameter max: 270 mm
- Infeed opening between the rolls: 400 mm x 270 mm
- Noise reducing coating
- 3-point linkage cat II and III (extended and reinforced)
- Equipped with PTO-shaft with free wheel W2500
- Centralized greasing of the lower infeed roll
- Fixed, wide rubber conveyor belt with extra high side protections + extended 3-point (machine not revolving)
- Anti-Stress system ADVANCED: with 4 emergency stops included, hour meter electrical top cover protection + 360° light tower
- PUSH handle with automatic 0-position
- Transparent flaps in the funnel
- Light bar on top of funnel (protected)
- 3-point linkage cat II and III (extended and reinforced)
- Equipped with PTO-shaft with free wheel W2500
- Noise reducing coating
- Centralized greasing of the lower infeed roll
- Big panel with icons for general use

2740PBT

Basic machine



CHIPPER TV 27-40

Machine with diesel engine

Basic machine:

- Chipper disc \varnothing 1000 mm, thickness = 35 mm
- Equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc : 1000 rpm
- Hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute: 3 m, with adjustable flap, revolving over 300° (EN 13525), on ball-bearing.
- Round wood diameter max. : 27 cm
- Infeed opening between the rolls : 270 mm x 400 mm
- Built in diesel engine HATZ SILENT PACK, 4L41C, 4 cyl., noise reduced, 51,4 kW, 70 HP, with automatic fluid coupling and reduction gearbox, direct drive of the knife disc trough flexible coupling (no belts), battery 12 V, battery switch, hour meter, fuel gauge, dashboard in closed box.
- Machine mounted on a high speed trailer, double axle, height adjustable drawbar with DIN eye \varnothing 40 mm or ball hitch, mudguards and lights (13 pole)
- Machine mounted on turn table, revolving 360°
- Noise reducing coating
- Centralized greasing for the lower infeed roll
- Anti-Stress system Classic

TV2740D

Complete machine



CHIPPER TV 27-40**FUNNEL FOR CRANE FEEDING WITH OR WITHOUT STEEL CONVEYOR BELTS****Machine with diesel engine****FOR CRANE FEEDING ONLY !!****Basic machine:**

- Chipper disc \varnothing 1000 mm, equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc : 1000 rpm
- Hydraulically driven infeed rolls (and possible steel conveyor belts) with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Cable controlled operation of the infeed rolls (and possible steel conveyor belts) :
Infeed – stop – reverse – emergency stop
- High ejector chute: 3 m, with adjustable flap, revolving over 300° (EN 13525), on ball-bearing.
- Round wood diameter max. : 27 cm
- Infeed opening between the rolls : 270 mm x 400 mm
- Funnel for crane feeding 1,70 m (only for machines fixed on trailer)
- Built in diesel engine HATZ SILENT PACK, 4L41C, 4 cyl., noise reduced, 51,4 kW, 70 HP, with automatic fluid coupling and reduction gearbox, direct drive of the knife disc trough flexible coupling (no belts), battery 12 V, battery switch, hour meter, fuel gauge, dashboard in closed box.
- Anti-stress SPECIAL ADVANCED with : hour meter, four emergency stops
- Noise reducing coating
- Centralized greasing for the lower infeed roll

2740DGA complete machine, mounted on high speed trailer, double axle,
height adjustable drawbar with DIN eye \varnothing 40 mm or ball hitch,
mud guards and lights (13 pole), with PVB



CHIPPER TV 27-40

Special version : household waste recycling centre

Machine with diesel engine

Basic machine:

- Chipper disc ø 1000 mm, equipped with 3 knives in carbide tungsten
- Counter knife in carbide tungsten
- Number of revolutions of the disc: 1000 RPM
- 2 hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Safety device (handle) against unsuspected switch-on
- High ejector chute with adjustable flap: 3 m high, 300° revolving (EN 13525), on ball bearing.
- Round wood diameter max: 270 mm
- Infeed opening between the rolls: 400 mm x 270 mm
- Fixed, wide rubber conveyor belt with extra high side protections
- Built in diesel engine HATZ SILENT PACK, 4L41C, 4 cyl., noise reduced, 51,4 kW, 70 HP, with automatic fluid coupling and reduction gearbox, direct drive of the knife disc trough flexible coupling (no belts), battery 12 V, battery switch, hour meter, fuel gauge, dashboard in closed box.
- Anti-Stress system SPECIAL ADVANCED: with 4 emergency stops included, hour meter electrical top cover protection + 360° light tower
- PUSH handle
- Transparent flaps in the funnel
- Noise reducing coating
- Centralized greasing of the lower infeed roll
- Big panel with icons for general use

2740DBT complete machine, mounted on high speed trailer, double axle,
height adjustable drawbar with DIN eye ø 40 mm or ball hitch,
mud guards and lights (13 pole), with PVB



CHIPPER FC 400*Special forestry model**tractor driven unit***Basic machine:**

- Specially adapted machine only to be used in forestry or completely protected environments **CE- certificate FORESTRY.**
- Machine without infeed funnel for improved visibility on the infeed rolls.
- Can only be ordered in combination with a forestry crane with a parallelogram system. Only allowed for crane feeding.
- Unique **parallelogram crane**, reach 6,10 m with hydraulic rotator and tree clamp.
- Optional telescopic crane + 1,20 m extra.
- Classic linear handle controls. Optional low pressure joystick controls, electrical proportional joystick or remote controls.
- Adapted, built to size forestry crane support A-frame with hydraulic legs.
- Adapted 3-point frame on the chipper to A-frame (extra short connections).
- Adapted top cover for optimum visibility on the infeed rolls, also adapted to allow maximum swing possibilities to the crane.
- Chipper disc ø 1000 mm, equipped with 2 knives in carbide tungsten (2 x 9 sections).
- Counter knife in carbide tungsten
- Number of revolutions of the disc : 1000 rpm
- Anti-Stress system SPECIAL ADVANCED included
- PTO shaft size at the main axle end: 1" $\frac{3}{4}$
- Hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm
- Electrically operated cable controls for the infeed rolls: infeed – stop – reverse – emergency stop, operated by remote control system when in combination with remote controlled crane.
- High ejection chute, 3 m, extra long (4,50m) hydraulically rotation 360° on extra reinforced ball bearing, by means of tractor hydraulics, with manually adjustable flap.
- Round wood diameter max: 270 mm
- Infeed opening between the rolls: 400 mm x 270 mm
- Noise reducing coating
- 3-point linkage cat II and III
- Equipped with PTO-shaft with free wheel W2500
- Centralized greasing of the lower infeed roll

FC400

Complete machine WITH crane model 6140



WOOD CHIPPER TV 40 52 GIANT

Driven by PTO of the tractor

Extremely big and heavy machine, suited for tractors from 155HP up to 400 HP

Weight of the standard machine: 4.200 kg

Adapted for crane feeding only

All main functions are completely radio remote controlled from inside the crane / tractor cabin, with spare battery + charger 12V

Basic machine:

- Knife disc Ø 1360 mm, equipped with 2 knives in carbide tungsten
- Counter knife in carbide tungsten
- PTO shaft revolutions: 1000 RPM
- PTO shaft end on the main axle: 1" $\frac{3}{4}$
- Rotations of the knife disc: 1000 RPM
- Hydraulically driven infeed rolls with built in pump group, start – stop coupling and chip size regulation from 1 to 25mm
- High ejection chute: 3,7 m high, 360° hydraulically revolving, with electrical operated ejector flap (ejection system completely remote controlled)
- Ejection chute is hydraulically foldable with a hand pump
- Maximum capacity round wood : 400 mm
- Opening between feeding rolls: 520 mm x 400 mm
- Anti-stress system SPECIAL ADVANCED included
- Noise reducing coating
- 3-point hitch Cat. III en IV
- Equipped with free wheel PTO, type W 2600
- Centralized greasing of the lower infeed roll and the main axle bearings
- Hydraulic automatic dampener (against dropping) of the upper infeed roll.
- Upper infeed roll can be lifted with remote control (or with hand pump)
- Top protection hood above the knife disc opens and closes with a hand pump.
- Built in lights (protected)
- Machine = frame in super elastic steel quality
- Comes standard with a chain conveyor belt
- Weight basic machine : 4.500 kg

TV4052P Machine complete



GREENEATER

The ideal trailer for carrying away biomasse

Suited for sucking leaves, litter, wood chips, grass haulms,...

Completely new designed, two wheel reared, 3-way tipping trailer for coupling wood chippers and collecting wood chips and landscape refuse. For slow speed max 40 km/h.

- Tilting skip on 3-way ball bearing on the carrier and tipping by means of tractor hydraulics
- Double hydraulic/mechanical side mounted tipping protection
- Container capacity : $\pm 12,50 \text{ m}^3$ size tilting skip : L = $\pm 3.600 \text{ mm}$ W = $\pm 2.050 \text{ mm}$ H = $\pm 1.700 \text{ mm}$
- M.T.M. 13 tons. With PVA number
- Shock absorbing draw bar with revolving DIN eye
- Draw bar with hydraulic brake (by means of tractor brake valve) + handbrake
- Tires : 435/50 R 19.5 (chequered pattern) + synthetic mudguards above the wheels
- Hydraulically operated supporting leg (tractor hydraulics)
- Total size : L = $\pm 5.100 \text{ mm}$ W = $\pm 2.050 \text{ mm}$ H = $\pm 2.900 \text{ mm}$ empty weight : $\pm 4.000 \text{ kg}$
- Coupling of the wood chipper or leaf-blower by means of a 3-point tractor hitch, integrated on the back of the carrier (2500 kg) with fixed folding lifting arm cat. II
- Control of the hitch : at the back of the vehicle
- Suited for coupling most kinds of tractor driven wood chippers
- Extra tow bar with eye or ball-coupling to couple a wood chipper
- Drive of the wood chipper or tools by means of underlying, removable, standard intermediate shafts (no fixed continuous shaft)
- 3-piece backdoor with unloading shutter, hinged on top and falling open with limits by means of chains
- Colour camera, free of vibrations, on the back of the vehicle, with flat-screen display in the cabin, mounted on a special console with firm suction cup for simple window mounting. For control panel of the optional signs kit as well.
- Lighting and execution according to European legislation for trailers low speed
- Complete LED lighting technology, 1 LED rotating light included (left at the back)
- 2 adjustable LED spotlights at the back, with separated on/off control, also on the back of the truck
- Flexible suction hose coupling at the front of the vehicle ($\varnothing 300 \text{ mm}$) to be used as a compact grass-collecting truck, possibly in combination with the aspiration unit. Only to be used when tipping backwards.
- Extra 7 pole DIN plug at the back for continuous lighting of the wood chipper
- Centralized greasing pipes + cable tray towards the back + support for brushes and spades
- Red-white lines + A31 & D1c + yellow-black board "KEEP YOUR DISTANCE" at the back
- Superstructure Ral2011 (orange), carrier Ral7011 (grey)

basic machine **GREENEATER**

ASPIRATION-UNIT, consisting of :

Separate aspiration unit, driven by extra heavy PTO, to be mounted in the hitch of the greeneater (as a leaf-blower) or in the hitch of the tractor (mowing-sucking). Suited for sucking leaves, litter, wood chips, grass haulms,....

We deal here with a 3-point ventilator, driven by an extra heavy PTO, which can also be used as a grass sucking ventilator on mower flails with aspiration.

- With manual flexible suction hose \varnothing 200 mm (L = \pm 5 m) with INOX suction pipe, hung up on the compensation spring
- Manual flexible suction hose and suction pipe, without conversion, and to be used at the left, the right and the back of the vehicle by means of a double hinged slewing boom with semi-automatic locking in transport position.
- Does not exceed the size of the car, when folded
- LED road lighting on leaf sucking unit
- Trolley with 4 caster wheels, to put on the leaf sucking unit, in order to be able to couple or uncouple more easily

LEAF SUCKING UNIT

OTHER EQUIPMENT:

FLAILMASTER

FORESTMASTER

WEEDS BRUSH

STUMP GRINDER

FLAILMASTER



FORESTMASTER



VD150 HMT



FLAILMASTER

A must for each contractor of mowing jobs
EXTREME DUTY TYPE FLAIL MOWER

To be mounted on the 3 point linkage of the tractor

340	FLM 150 MV	1.50 m
341	FLM 210 MV (new : HD rotor !)	2.10 m
342	FLM 250 M (new : HD rotor !)	2.50 M

FORESTMASTER**HEAVY FORESTRY MOWER WITH “CAGE” ROTOR**

Mechanically driven by the PTO of the tractor (540 RPM or 1000 RPM – to be specified upon order)

PTO shaft with free wheel included

Mounted in the front or rear 3-point hitch

		Cutting width	N° of hammers
350	VD 110 V (on demand)	1.10 m	12
351	VD 150 MV (mechanical side shift)	1.50 m	17
352	VD 180 M (heavy gearbox)	1.80 m	20

SPECIAL ADAPTATIONS FOR EXCAVATOR ARMS**EXTRA HEAVY ROTOR COVER**

- 355 **BF 110** – 110 cm forest mower for hydraulic excavator arm
Including hydro motor 60 or 71 cc (depending of available flow) and an anti cavitations valve, excluded adaptor piece and hoses
- 356 **BF 150** – 150 cm, including 71 cc motor and anti cavitations valve, excluded adaptor piece and hoses
Standard coupling by means of axles (measurements to be specified with the order)
Mounting of special quick coupling (hooks + dimensions to be provided with order)

SPECIAL ADAPTATION FOR COMPACT LOADERS

- 351-1 **VD150 HMV** Hydraulically driven unit, complete with 71cc hydro motor
Mechanical side shift
“Bob-Tach”- Bobcat type mounting system
Minimum required hydraulic flow and pressure = 115 l/min @ 190 bar



WEEDS BRUSH (OKB)

- Machine is mounted in the 3 point of the tractor, front or rear mounted.
- Overall side shift = 160 cm:
 - 80 cm hydraulically
 - 80 cm extra manually
- Hydraulic adjustable extra heavy duty support wheel
- The 2 working angles of the gutter brush (cylindrical brush) are hydraulically operated
- Electrical valve block 5 elements on the machine, joystick controlled from the tractor cabin + flow divider + electrical start / stop + 2 emergency stop buttons
- Required minimum oil flow: 55 litres/min- 175 bar

220 Weeds brush with gutter brush (vertical)
221 Weeds brush with cylindrical brush

H620



H 620 HD



TREE STUMP CUTTER**TYPE: H 620**

- 3 point linkage
- PTO shaft 540 RPM
- 2 hydraulic support legs (stabilizers)
- Hydraulic driven cutting wheel
- Equipped with 24 changeable knives
- Diameter cutting wheel 620 mm
- Double pump on the machine for powering of the cutting wheel and the cylinders
- 3-way valve to start – stop the cutting wheel
- Double pump on the machine for powering of the grinder disc and cylinder operation
- Speed adjustment on the side swing movement
- Oil cooler (12 Volt) included
- Integrated safety screen for the operator
- Weight: ± 600 kg
- Big working depth and working range
- Required tractor HP: 45 HP

TYPE: H 620 H.D.

- Same construction and working range as the H620, but with extra:
- Heavy duty piston pump (280bar) to power the cutting wheel
- Manometer giving constant reading of the working pressure
- Extra heavy gearbox
- Bigger oil cooler
- Content oil tank: ± 120 litres
- Weight: ± 950 kg
- Total width: 1.65 m
- Required tractor-HP: 85 HP

)

TYPE : H 620 H.D. A26

- *Same hydraulic capacity and components as the H 620 H.F., but heavier and broader jibs and supporting legs.*
- *Heavier cylinders*
- *Bigger working range : $\pm 3,00$ m instead of. $\pm 2,35$ m*
- *Weight : ± 1.250 kg*

TYPE: H 620 E

- To be mounted on an excavator arm or compact loader minimum 120 l at 250 bar
Required on a **total independent hydraulic circuit** + pipes (hoses) of 1" till front of the dipper stick
- Mounting system not included

MOWING – SUCTION COMBINATION JUMBO MASTER (arm on trailer) **JUMBO MAX (arm on tractor)**



- Basic unit mounted on heavy duty double axle **Payload 20 tons**
- Total content of the grass collection trailer $\pm 31 \text{ m}^3$
- Weight: $\pm 5000 \text{ kg}$
- Tires: 435/50 R 19.5 GOODYEAR
- Suitable for slow transportation vehicle 30 km/u
- Hydraulic braking system
- Hydraulic support leg (stabilizer)
- Required minimum tractor power : as from 85 kW
- Self emptying, with chain drive system, metal bottom plate
- Hydraulically operated rear door (special shape adding $\pm 4 \text{ m}^3$ in content)
- Rear door with red – white stripes + A 31 and D1c $\varnothing 90 \text{ cm}$. Two beacon lights = alternating halogen lights $\varnothing 340 \text{ mm}$ + Moving lights bar with 8 lamps and 4 menus to choose form from inside the cabin
- Rear view camera with monitor inside cab
- Front mounted mowing – suction arm with reach of 5.50 m out of centre of vehicle
- Double hydraulic safety system on the first arm
- Front mounted, heavy duty, wide ventilator $\varnothing 700 \text{ mm}$
- PTO driven 1000 RPM
- Electro - hydraulic controls (B/W) with joystick operated from inside cab
- Automatic float control (AFC)
- Working width: 1.250 m – mowing head VD HD 1250 MZ with discharge screw
- Colour: RAL 2011 orange