### COMPACT TIPPING TRAILERS AND LEAF COLLECTION SOLUTIONS

### 2018/2019







### FORESTEEL TRAILER SERIES

Premium quality compact tipping trailers for municipal and park sector machinery.



**FT-600** Small and lightweight





**FT-1000** The All-rounder

KG	1000 kg					
ŵ	360 kg					
t,	1250 x 2000 mm					



FT-1300 OFFROAD Flexible and stable

O KG	1300 kg				
ŵ	370 kg				
Ĺ,	1250 x 2000 mm				



**FT-2200** 3-way tipper

KG	2200 kg				
å	485 kg				
t.,	1250 x 2440 mm				

# **OUR STORY**

Foresteel is an Estonian based development and production company with focus on offering high quality compact trailer solutions to greencare and park sector machinery and hobby users.

From the very beginning our mission has been to offer high quality and tailored solutions to the compact machinery sector. Our product range includes small trailer series and leaf collection solutions which is a compact yet efficient combination for cleaning from yards to large park areas of leaves and debris.

With constant product development we aim to offer universal trailer series with a wide selection of tailored and task-specific accessories to help solve everyday problems in the growing sector of property management.

Foresteel offers proven solutions for municipalities, greencare contractors, horticulture and greencare enthusiasts, park maintenance companies and hobby users around the world. Foresteel vacuum solutions help collect leaves during autumn and spring season, clean turf areas of mowed grass and debris and make park and roadside maintenance simpler and easier than ever before.

### **DESIGN AND PRODUCTION**

**Foresteel Official** 

### CONTENT

Foresteel Trailer Series	2
FT-600	6-7
FT-1000	8-9
FT-1300 OFFROAD	10-11
FT-2200	12-13
Standard features	14-15
Leaf collection solutions	16-17
Leaf vacuum units	18-19
Underframe suction unit	20
PTO Leaf vacuum	21
Hydraulic leaf brush	22
Technical Data	23
Dealer contact	24

At Foresteel up-to-date technologies are used to design, develop and produce the product series. In design latest CAD software is being used to best optimize our products strength and parameters. We use high precision production technologies like laser cutting and CNC bending to offer premium quality products to our customers.

We work every day to uphold our brand's core values. Integrity, quality, commitment, and innovation are ideals we work toward. Our production is based on over 3400 m<sup>2</sup> of production area which enables us to rapidly grow our production volume while actively expanding to different countries. Based on the trust of our customers we're constantly developing and innovating to offer even better product range.





### **DO NOT OVERLOAD YOUR MACHINES.**

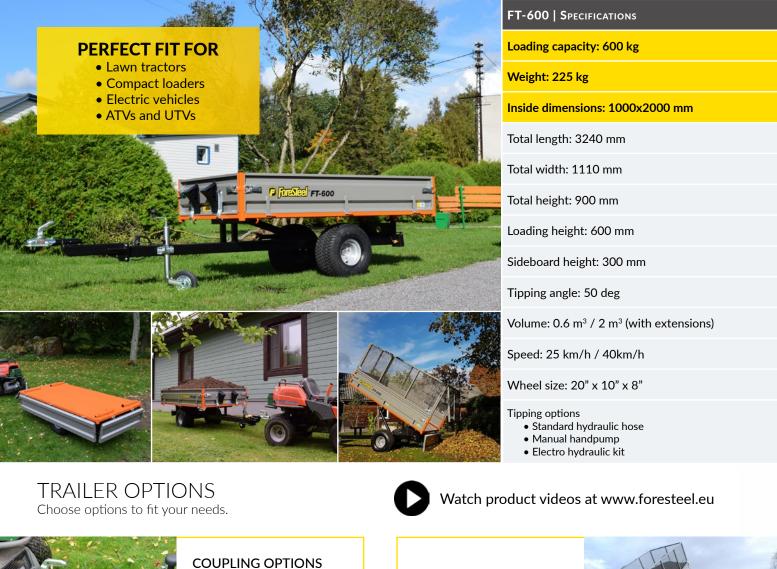
### CHOOSE RIGHT SIZE TRAILER FOR YOUR COMPACT MACHINERY.





# **FT-600**

When looking for a light and universal supplement for your machinery, the FT-600 has a lot to offer. The lightweight hydraulic tipping trailer with platform-type body is designed for small machinery like bigger lawn tractors, electric vehicles, golf and park machinery, ATV's and UTV's.





- D50 ball coupling \*
- D32 towing eyelet
- D50 long coupling

### HYDRAULIC OPTIONS

- Hydraulic input \*
- Manual handpump
- Electro hydraulic

### **EXTENSIONS OPTIONS**

• 700 mm NET extensions

### **PVC OPTIONS**

- Top PVC cover
- Inside PVC covers

### WHEEL OPTIONS

Greencare tire\*

\* Standard option

• Offroad tire





### ACCESSORIES FOR FT-600

Designed to get things done. Combine your trailer with accessories you need.

Recommended fit



**MINIvac** Entry level leaf vacuum with 13 HP B&S engine. Good fit in mowing deck connection.



MIDvac Midrange leaf vacuum with 13 HP B&S engine. Best midrange unit.



**PROvac** Leaf vacuum with 18 HP B&S engine and electric start. Best fit for high demand tasks.



Water tank Compact water tank with 12V or gasoline pumping system. 450/600 L



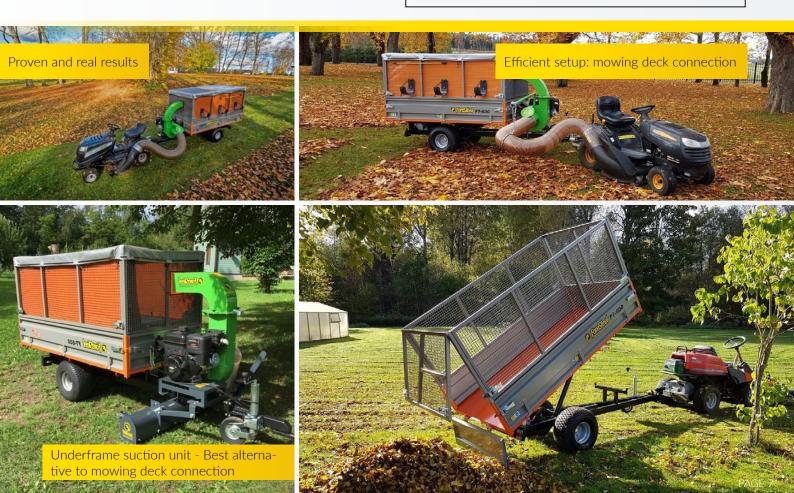
**Underframe unit** Simple yet efficient suction unit for easier cleaning behind any towing machine.



Leaf Brush н120 Hydraulic leaf brush for professional area management tasks.



- ✓ Rigid and strong A-frame construction
- $\checkmark$  Platform type tipping body
- $\checkmark$  Powerful hydraulic tipping
- ✓ Premium modular accessories
- ✓ Ultra lightweight
- $\checkmark$  High quality build and components
- ✓ Proven flexibility good maneuvering in narrow spaces
- $\checkmark$  Greencare tires with minimal turf damage
- ✓ Optimal size based on machine width



# **FT-1000**

The light yet solid 1000 kg loading capacity tipping trailer is definetly the one to look for. The multifunctional hydraulic tipping trailer with platform-type body is designed for smaller machinery like compact tractors, electric vehicles, compact loaders, ATV's and UTV's.



TRAILER OPTIONS Choose options to fit your needs.



Watch product videos at www.foresteel.eu



#### COUPLING OPTIONS D50 ball coupling \*

- D32 towing eyelet
- D50 long coupling

#### HYDRAULIC OPTIONS

- Hydraulic input \*
- Manual handpump
- Electro hydraulic

#### EXTENSIONS OPTIONS

- 700 mm NET extensions
- 300 mm extra side panels

### **PVC OPTIONS**

- Top PVC cover
- Inside PVC covers

### WHEEL OPTIONS

Greencare tire \*





\* Standard option

### ACCESSORIES FOR FT-1000

Designed to get things done. Combine your trailer with accessories you need.

Recommended fit



**MINIvac** Entry level leaf vacuum with 13 HP B&S engine. Good fit in mowing deck connection.



**Underframe unit** Simple yet efficient suction unit for automatic cleaning behind any towing machine.



MIDvac Midrange leaf vacuum with 13 HP B&S engine. Best midrange unit.

Leaf Brush H120

management tasks.

leaf

professional

brush

area

Hydraulic

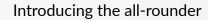
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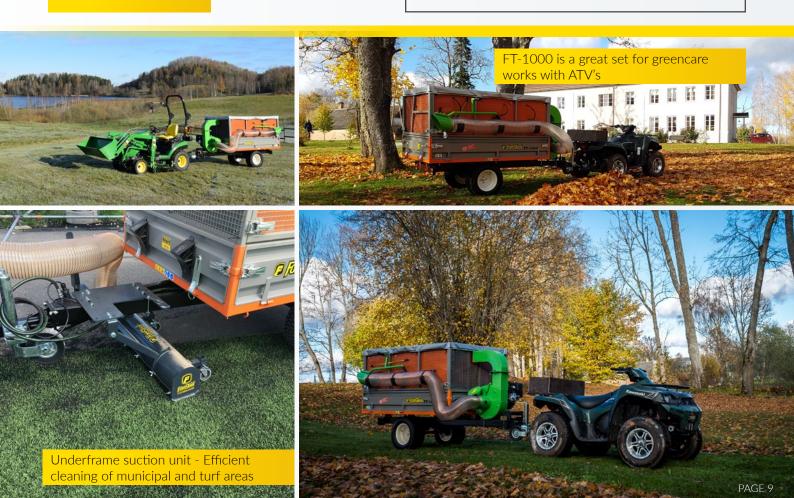
**PROvac** Leaf vacuum with 18 HP B&S engine and electric start. Best fit for high demand tasks.



Water tank Compact water tank with 12V or gasoline pumping system. 600/1000 L

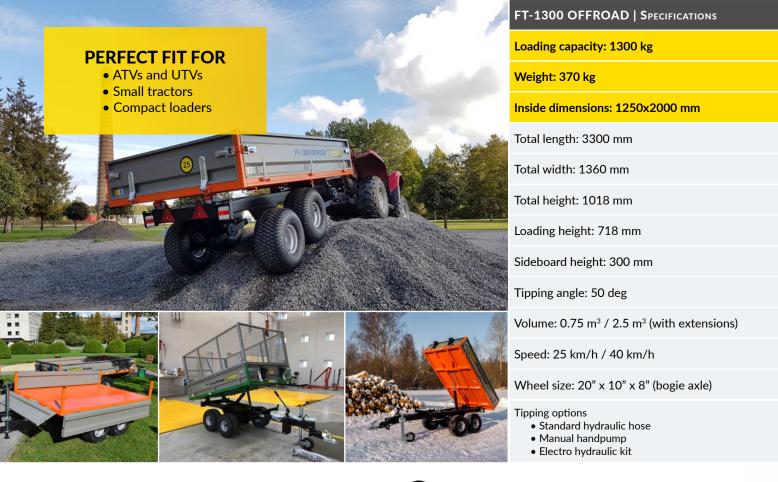


- ✓ Rigid and strong A-frame construction
- $\checkmark$  Platform type tipping body
- $\checkmark$  Powerful hydraulic tipping
- ✓ Premium modular accessories
- ✓ Light and compact for turf areas
- $\checkmark$  High quality build and components
- ✓ Proven flexibility good maneuvering in narrow spaces
- $\checkmark$  Greencare tires with minimal turf damage
- ✓ Adjustable drawbar 6 positions



# FT-1300 OFFROAD

When roads are starting to look rough or you need to go off the road often, it's time to consider the FT-1300. It has been designed for ATV's and UTV's for greater stability, flexibility and comfort on rough terrain. High strength, optimized construction and small weight make it a great choice over the crowd.



TRAILER OPTIONS Choose options to fit your needs.



Watch product videos at www.foresteel.eu

### • D50 ball coupling \*

- D50 ball coupling \*
- D32 towing eyelet
- D50 long coupling

### HYDRAULIC OPTIONS

- Hydraulic input \*
- Manual handpump
- Electro hydraulic

### **EXTENSIONS OPTIONS**

- 700 mm NET extensions
- 300 mm extra side panels

### PVC OPTIONS

- Top PVC cover
- Inside PVC covers

WHEEL OPTIONS
Greencare tire\*
High speed ATV tire

# 00

\* Standard option

### ACCESSORIES FOR FT-1300 OFFROAD

Designed to get things done. Combine your trailer with accessories you need.

Recommended fit



**MINIvac** Entry level leaf vacuum with 13 HP B&S engine. Good fit in mowing deck connection.



**Underframe unit** Simple yet efficient suction unit for automatic cleaning behind any towing machine.



MIDvac Midrange leaf vacuum with 13 HP B&S engine. Best midrange unit.



**PROvac** Leaf vacuum with 18 HP B&S engine and electric start. Best fit for high demand tasks.



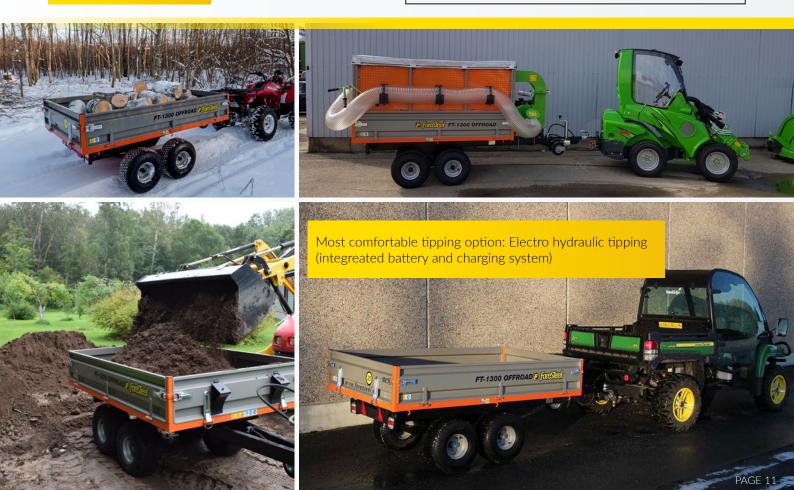
Water tank Compact water tank with 12V or gasoline pumping system. 600/1000 L

### Introducing the flexible one

- ✓ Rigid and strong A-frame construction
- ✓ Platform type tipping body
- ✓ Flexible tandem axle increases ride stability and comfort
- ✓ Premium modular accessories
- ✓ Smooth ride in offroad conditions
- $\checkmark$  High quality build and components
- ✓ Proven flexibility good maneuvering in narrow spaces
- ✓ Greencare tires enhanced puncture resistance
- ✓ Adjustable drawbar 6 positions



Leaf Brush н120 Hydraulic leaf brush for professional area management tasks.



### FT-2200 THE PROFESSIONAL GRADE 3-WAY TIPPER

Because of its universality and ease of use, FT-2200 makes every task simple and offers varied applications. Trailers platform type construction with 3-way tipping functionality along with a wide range of accessories make it one of the top choices of municipalities and greencare contractors.



TRAILER OPTIONS Choose options to fit your needs.



Watch product videos at www.foresteel.eu



### 

- D50 ball coupling
- D32 towing eyelet \*
- D50 long coupling
- D32 long eyelet

### EXTENSIONS OPTIONS

- 700 mm NET extensions
- 300 mm extra side panels

### **PVC OPTIONS**

- Top PVC cover
- Inside PVC covers





### HYDRAULIC OPTIONS

- Hydraulic input \*
- Electro hydraulic

### WHEEL OPTIONS

- Greencare tire\*
- Road tire



\* Standard option

### ACCESSORIES FOR FT-2200

Designed to get things done. Combine your trailer with accessories you need.

Recommended fit



**MINIvac** Entry level leaf vacuum with 13 HP B&S engine. Good fit in mowing deck connection.



**Underframe unit** Simple yet efficient suction unit for automatic cleaning behind any towing machine.



MIDvac Midrange leaf vacuum with 13 HP B&S engine. Best midrange unit.



**PROvac** Leaf vacuum with 18 HP B&S engine and electric start. Best fit for high demand tasks.



Water tank Compact water tank with 12V or gasoline pumping system. 600/1000/2000 L



Leaf Brush н120 Hydraulic leaf brush for professional area management tasks.

### Introducing the professional 3-way tipper

- ✓ 3-way tipping
- ✓ Rigid and strong A-frame construction
- $\checkmark$  Safe and automatic hydraulic tip limiting
- ✓ Platform type tipping body
- ✓ Powerful hydraulic tipping
- ✓ Premium modular accessories
- $\checkmark$  High quality build and components
- ✓ Compact design easy to maneuver in narrow spaces
- ✓ Easily adjustable drawbar 6 positions



### FORESTEEL TRAILERS STANDARD FEATURES

Foresteel trailer series is built on high quality components, thorough product development, design, and up to date production technologies. Expertiese and experiences of our customers have always been the most important input in our product development by which optimized construction compact tipping trailers and easy-to-use solutions have been born from.

### Features shown are standard for all trailer models if not noted otherwise.



#### Discover the benefits of our trailers

- ✓ Durable and strong A-frame construction
- ✓ Wide range of usage possibilities with platform body
- $\checkmark$  Greencare tires for minimal turf damage
- ✓ Compact design easy to maneuver in narrow spaces

✓ Optimal weight and size for small tractors, compact loaders, ATVs, UTVs and greencare machinery

✓ Modular design - add options and accessories like leaf vacuum, extensions and suction units

✓ Adjustable drawbar for connecting different machines

Openable and removeable front panel makes it easy to haul overlength materials

ft-sooreoopt

✓ Front panel openable and removeable

Removeable side panels and corner posts

✓ Variety of modular accessories available

#### Introducing FT-trailer series

- ✓ High quality steels and optimized construction
- ✓ Powder coated side panels and extensions
- ✓ Premium components well known suppliers
- ✓ Rotating hitch safety in case of trailer rollover
- ✓ Drawbar nose weight safe for towing machine
- Paint with excellent abrasion resistance

✓ Environmental friendly painting thanks to high solids content - Frame and platform painted with high pressure painting system and high-solids glossy polyurethane paint

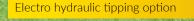
Integrated wheel chock holders for increased users safety

Strong platform body construction

High tipping angle and powerful hydraulic lift guarantees easy unloading

Rigid and strong A-frame

✓ All trailers are designed and manufactured to EU directives and own a CE certificate



Flexible tandem/bogie axle on FT-1300 OFFROAD increases ride stability and comfort

Safety body prop

CARE AND CONTRACTOR

Quick-adjust parking jack

Adjustable drawbar height

Rotating towing coupling increases users safety

# LEAF AND DEBRIS COLLECTION SOLUTIONS

### **LEAF VACUUM UNITS**

- Briggs & Stratton POWERED (MINIvac MIDvac PROvac)
- Power Take-Off (PTO) POWERED (PTOvac)

### **UNDERFRAME SUCTION UNITS**

- Collection solution for Foresteel trailer series

### **HYDRAULIC LEAF BRUSH**

- Municipal grade 3-point connection cleaning brush

### **FULLY INTEGRATED SOLUTIONS**

- Combine any Foresteel trailer with leaf vacuum solution for efficient and easy cleaning of leaves and debris.







### **LEAF VACUUM UNITS** BRIGGS & STRATTON GASOLINE POWERED LEAF VACUUMS

All Foresteel trailers are equippable with our leaf vacuums and are often used in combination with tractor mowing deck or underframe suction unit. For collecting leaves and mowed grass, cleaning turf and event areas of debris, wood chippings or similar materials. A proven solution for municipalities, greencare contractors, horticulture and greencare enthusiasts and park maintenance companies.



### LEAF VACUUM MODELS

For different tasks, for different working conditions.

### MINIVAC

Entry level leaf vacuum with 13 HP B&S engine. Good fit in mowing deck connection and good conditions.

Turbine diameter: 360 mm				
Capacity: 70 m³/min				
Engine: 13 HP Briggs & Stratton				
Weight: 81 kg				
Blades: 4 pcs				
Shredder: YES				
Hose diameter: 200 mm				
Hose length: 5 m				
Dimensions: 600x638x1000 mm				
Turbine & wear plates: Hardox®				
BEST FIT: FT-600 Mowing deck connection				

✓ High suction power

- Optimal turbine-engine compatibility
- ✓ Wear resistant and solid construction



Powerful midrange leaf vacuum with

13 HP B&S engine. Best midrange

unit for decent working conditions.

**MID**VAC

### Watch product videos at www.foresteel.eu

### **PRO**vac

Leaf vacuum with 18 HP B&S engine and electric start. Best fit for high demand tasks and rough conditions.

Turbine diameter: 450 mm				
Capacity: 90 m³/min				
Engine: 13 HP Briggs & Stratton				
Weight: 93 kg				
Blades: 4 pcs				
Shredder: YES				
Hose diameter: 200 mm				
Hose length: 5 m				
Dimensions: 575x470x1040 mm				
Furbine & wear plates: Hardox®				
BESTSELLER. Best midrange unit for any machine				

Turbine diameter: 450 mm	

Capacity: 90 m³/min

Engine: 18 HP Briggs & Stratton (el. start)

Weight: 97 kg

Blades: 4 pcs

Shredder: YES

Hose diameter: 200 mm

Hose length: 5 m

Dimensions: 575x470x1040 mm

Turbine & wear plates: Hardox®

MOST POWERFUL: Vacuum for demanding tasks.

✓ Shredding decreases leaves volume 4x

- $\checkmark$  Powerful engines with worldwide warranty
- ✓ Reliable and easy to use

### LEAF VACUUM FEATURES

What describes our leaf vacuums.



**Shredder blades** With shredder blades, the vacuum unit cuts leaves and debris upto 4 times smaller.



Lightweight handle Light and comfortable suction handle with rotating wheel make it easy to use.



**360 ° Rotation** Output chute can be rotated for directing flow and quickly removed for easy cleaning.



**Efficient engines** Worldwide brand gasoline engines known for their quality and reliability.

### LEAF VACUUM ACCESSORIES Combine with leaf vacuum and trailer set.



Tailgate clampLeafvacuumtailgatepositioning clamp for MINI,MID and PRO series.



**Underframe unit** Simple yet efficient suction unit for automatic cleaning behind any towing machine.



Leaf Brush н120 Hydraulic leaf brush for professional area management tasks.



**Suction hose** Longer suction hose can be added. Standard hose length is 5m.



### **UNDERFRAME SUCTION UNIT**

Simple and genuine collection unit for Foresteel trailer series to minimize manual labour and collect leaves and debris efficiently in good to moderately damp conditions. Foresteel vacuum solutions are a great fit for municipalities, greencare contractors, private companies, horticulture and greencare professionals, park maintenance companies and all greencare enthusiasts who love making their tasks efficient and enjoyable.



### LEAF SUCTION UNIT

For maximum efficiency and minimal manual labour.

### Model FT-600

Working width: 1100mm			
Best fit: MIDvac & PROvac			
Weight: 20 kg			
Hose diameter: 200 mm			
Hose connection: Quick-connect			
Working height: Adjustable			
Parallelism: Angle adjustable			
Inlet curtains: Height adjustable			

#### Hinged connection



Watch product videos at www.foresteel.eu

### Model FT-1000/1300/2200

### Working width: 1350mm

- Best fit: MIDvac & PROvac Weight: 25 kg Hose diameter: 200 mm Hose connection: Quick-connect Working height: Adjustable Parallelism: Angle adjustable Inlet curtains: Height adjustable
- ✓ No mowing deck machine needed
- ✓ Minimal manual labour
- ✓ Use any towing vehicle
- ✓ Land copying design
- ✓ Quick-connect for fast handle use
- ✓ Quick transport position

The unit connects under Foresteel trailer models' frame making collecting leaves and debris possible with any towing equipment. The unit is towed under the trailer's frame, it is height adjustable and copies land on two swivel wheels. It's copying capabilities make going over smaller bumps and hills easy and comfortable.

# PTO LEAF VACUUM UNIT

PTOvac leaf vacuum is designed for use with tractors for smaller noise levels and increased suction power. Professional leaf vacuum for cleaning parks, roads and roadsides of debris, leaves, trash and other materials. Powered from tractor's PTO output, PTOvac has a low noise level and equal suction power compared to Foresteel 18HP PROvac gasoline leaf vacuums.



### POWER TAKE-OFF VACUUM The silence is all it's about. And power.



Watch product videos at www.foresteel.eu

### PTOVAC

#### Turbine diameter: 490 mm

- Capacity: 110 m<sup>3</sup>/min Power input: Machine PTO Speed, Power: 500 RPM; 20 kW
- Weight: 170 kg
- Blades: 6 pcs
- Shredder: Optional
- Hose diameter: 200 mm
- Hose length: 5 m
- Dimensions: 1470x585x1140 mm
- Turbine & wear plates: Hardox®
- ✓ Biggest suction capacity
- ✓ Smallest noise level
- ✓ Crushed leaves 4x smaller

PTOvac is designed for efficient cleaning of bigger flat areas and greencare spaces and is a great addon to any municipality in combination with a leaf brush option or in mowing deck connection. PTOvac connects to tractors 3-point connection and has an integrated trailer hitch for working in combination with a Foresteel trailer.

- Hydraulic leaf brush option
- $\checkmark$  No Additional engine
- ✓ Fits any tractor (0-1 cat)
- $\checkmark$  Integrated towing hitch

### HYDRAULIC LEAF BRUSH FRONTAL LEAF BRUSH WITH HYDRAULIC SIDE BRUSH OPTION

Hydraulic driven leaf brush is designed to work in combination with leaf vacuums to clean parks, parking spaces, roads, football fields and any flat surfaces of debris, leaves, branches, grass and trash. Leaf brush connects in front of a machine with a suitable connection type (3-point hitch, loader connection etc.). Brush is designed to be used with Foresteel leaf vacuum systems and trailer series.



### HYDRAULIC LEAF BRUSH Ready to help you on any surface necessary.



Watch product videos at www.foresteel.eu

### LEAF BRUSH H120

#### Brush working width: 1200 mm

- Req. Capacity: 90+ m³/min Power input: Hydraulic input Hydr. flow: 20 l/min Brush RPM: 0-500 RPM Weight: 125 kg Tractor category: 0-1-2 cat Dimensions: 1318x960x875 mm Working height: adjustable
- $\checkmark$  Universal connection

Brush speed: adjustable

- ✓ Brush height adjustable
- ✓ Land copying design

Leaf brush is designed for efficient cleaning of larger areas with minimal manual labour and works best in combination with PROvac and PTOvac leaf vacuum units.

- ✓ Easy maintenance
- $\checkmark$  Brush speed adjustable
- $\checkmark$  Optional hydr. side brush



### **TECHNICAL DATA**

Trailer model comparison

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			00	
MODEL	FT-600	FT-1000	FT-1300 OFFROAD	FT-2200
Load capacity (kg)	600	1000	1300	2200
Weight (kg)	225	360	370	485
Inside dimensions (mm)	1000x2000x300	1250x2000x300	1250x2000x300	1250x2440x300
Platform thickness (mm)	2	3	3	3
Side panel thickness (mm)	2	2	2	2
Tipping	Hydraulic, Rear	Hydraulic, Rear	Hydraulic, Rear	Hydraulic, 3-way
Tipping angle limiting	cylinder; including safety rope			hydro-automatic
Tipping angle (deg)	50			53/45
Wheel size (inch)	20x10x8	20x10.5x12	20x10x8	26x12x12
Standard tire	Kenda Super Turf; Premium turf tire with enhanced puncture resistance			esistance
Max speed (km/h) *	40	40	40	40
Adjustable drawbar	2 positions	6 positions	6 positions	6 positions
Hinged LED lights	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Removeable side panels and corner posts	$\checkmark$	✓	$\checkmark$	$\checkmark$
Openable front panel	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Cable holders	✓	$\checkmark$	$\checkmark$	$\checkmark$
Wheel parking jack	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Bolted axle	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Wheel chocks	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$

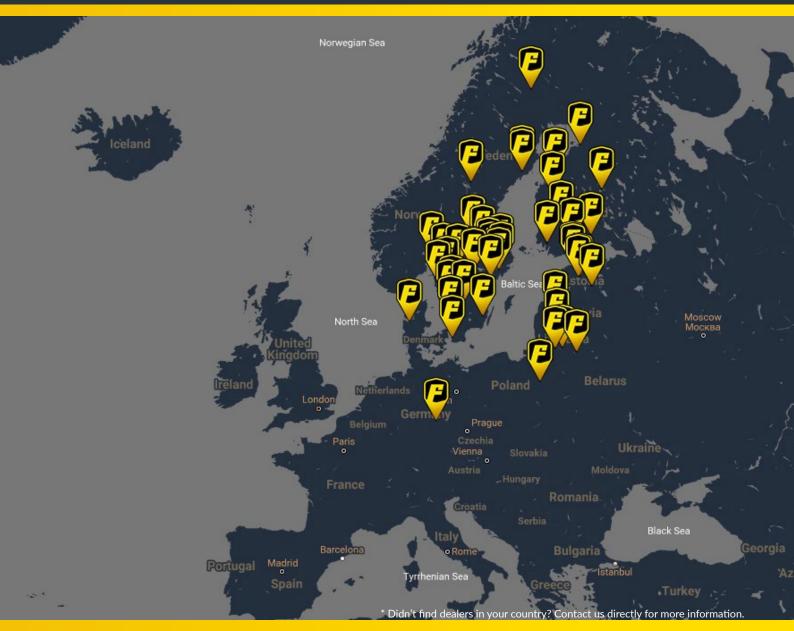
### OPTIONAL EXTRAS AND ACCESSORIES

Couplings D50 / D32	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
LONG Coupling	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
NET extensions	✓ 700 mm	✓ 700 mm	✓ 700 mm	✓ 750 mm
Extra level side panels	-	$\checkmark$	$\checkmark$	$\checkmark$
Handpump	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Electro hydraulic	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Leaf vacuums	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Underframe suction unit	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
PVC covers (top/inside)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Number plate light	-	$\checkmark$	$\checkmark$	$\checkmark$

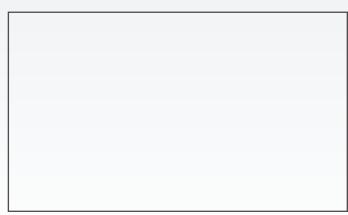
\* Standard trailer speed with turf tires 25 km/h

### BRINGING FORESTEEL PRODUCTS CLOSER TO YOU. EVERY DAY.

LOOK FOR AVAILABILITY ONLINE



### **DEALER CONTACT**



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