



PRODUCT CATALOGUE
Danish design and manufacturing 

REMOVE TO RENEW

STUMP CUTTERS

- **ENGINE**
- **HYDRAULIC**
- **TRACTOR**



100 % DEDICATION

At FSI Stump Cutters, we've dedicated ourselves to one thing since 2002: stump grinders. What began in a small garage in Denmark has grown into Europe's largest stump cutter manufacturer, with machines operating on five continents.

From our state-of-the-art facilities in Denmark, supported by skilled local sub-suppliers, we build each machine with pride and attention to detail. We ensure every unit undergoes a thorough inspection and testing process to meet the high standards owners and operators have come to expect from the stump cutters carrying our name.

Our products are designed for professionals who appreciate quality and outstanding service. Landscapers, tree care specialists, hire companies, local authorities, and other green sector businesses choose FSI for their equipment needs. Our global FSI Partner network of dedicated importers and dealers provides prompt local assistance wherever you are. This reinforces the trust and reliability that FSI represents.

In this brochure, we're excited to present the many models and variants available in the FSI range. Whether you need a grinder with a petrol or diesel engine, or one that fits on your tractor, excavator, tool carrier, or mini loader, we're confident we have the perfect solution for you.

We're honoured to support professionals around the world, and remain committed to the quality and reliability that has defined FSI since the beginning. We sincerely thank you for choosing FSI.

On behalf of everyone at FSI and our global FSI Partners,
Henning, Michael & Kim Schmidt



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***REMOVE TO
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KEY FEATURES

NARROW ACCESS

We understand that access is crucial in securing a job. That's why we prioritise machine width from the initial design stage, carefully selecting components to achieve a slim design. For stump cutters with twin wheels, these can easily be removed by loosening a single centre bolt, making it easy to navigate through narrow garden gates.

FSI POWER-CUT

The FSI power-cut cutter wheel is designed for efficient chip removal and reducing material build-up inside the housing, resulting in less recirculation. With less recirculation you'll experience less wear on your FSI teeth, decreasing the overall cost of operation.

FSI POWER-SWEEP

FSI power-sweep is a carefully engineered support system that optimises cutting capacity while reducing engine and drivetrain stress. This system helps inexperienced operators avoid overloading the engine and minimises fatigue for skilled operators during long workdays. By monitoring engine speed and automatically adjusting the cutter wheel sweep speed, FSI power-sweep ensures the most efficient conditions, enhancing overall performance.

FSI POWER-CLUTCH

A robust and reliable clutch specifically developed for use in stump cutters. With safety as a priority, an integrated brake ensures the cutter wheel comes to a stop within seconds when the clutch is disengaged, either by pushing the button or releasing the safety bar. Manufactured in-house and with all components available as individual spare parts, this heavy-duty design offers cost-effective parts replacement, without having to replace the whole clutch.

FSI POWER-DRIVE

With the two-speed ground drive, FSI power-drive, you have the choice between HIGH for faster transport speeds or LOW with increased traction and manoeuvrability over terrain or when stump cutting. To ensure best possible traction for stump cutters on wheels, a differential lock is added to provide reliable travel over terrain.

TREE STUMP SOLUTIONS: CUTTING WEIGHT NOT PERFORMANCE

When your largest stump grinder weighs nearly 1000kg, every residential job becomes harder to manage.



IT'S A VERY WELL-BALANCED MACHINE WITH A LOT OF PROCESSING POWER FOR A STUMP GRINDER OF ITS SIZE.

DAVE WILLIAMS
OWNER

For Dave Williams, it wasn't just about upgrading power, it was about finding a machine that handled better on delicate surfaces and tighter spaces.

As owner of Tree Stump Solutions, serving customers across Northamptonshire and Cambridgeshire since 2011, Dave knew the wrong equipment choice could lead to unnecessary complications and added costs across his residential job sites.

FROM FRUSTRATION TO FLEXIBILITY

When Dave Williams needed to replace his largest stump grinder in early 2025, the requirements were clear: it had to be powerful, compact, and easy to transport. His previous machine, weighing close to 1000kg, handled large jobs well, but its bulk caused ongoing issues, particularly when navigating residential sites.

"I needed something that was easier to move but without compromising on performance," Dave explains. "You don't want to be dragging unnecessary weight over someone's paving."

FSI DELIVERS EXACTLY WHAT WAS NEEDED

Having relied on his FSI B20 pedestrian stump grinder for over five years without major maintenance issues — a machine he describes as "outstanding" Dave didn't hesitate when FSI launched their higher-power FSI B31-980 model.

"The FSI B20 has been absolutely outstanding for smaller jobs," Dave explains. "So when I heard FSI was launching a higher horsepower version of their narrow B31 model, it immediately caught my attention."

The FSI B31-980 combined the same compact footprint as the FSI B31-749 with a powerful 38hp engine and for Dave, it ticked every box.

"The size and shape were ideal, and once I knew it came with 38hp, I didn't hesitate," he explains. Dave



took delivery of the B31-980 from DJB Machinery in March 2025 and put it straight to work.

EXCEEDING EXPECTATIONS FROM DAY ONE

At just 680kg, the FSI B31-980 is over 300kg lighter than the machine it replaced — a change that's had a clear effect on how Dave works.

"It's a very well-balanced machine with a lot of processing power for a stump grinder of its size," Dave reports. "The machine this replaced weighed close to 1000kg. This FSI B31-980 comes in at 680kg, which makes a huge difference when transporting it to site and exerts far less downward pressure when manoeuvring over customer patios and gardens."

The compact design and lower ground pressure give Dave more confidence on site, particularly when working around decorative paving, soft landscaping, or newly laid lawns.

BUILT ON TRUST

Beyond performance, Dave highlights the experience of working with FSI Stump Cutters as another major advantage. For him, choosing FSI goes far beyond machine specs, it's also about long-term support and a relationship built on trust.

"Not only am I a big fan of the machines themselves, the team at FSI, along with DJB Machinery, are a

pleasure to deal with," he adds. "I enjoy a stop on the FSI stand at trade shows and feel like my thoughts and feedback are really valued. They're clearly professionals who genuinely care about their equipment and the requirements of their customers. With FSI, it's the full package."

That combination of solid build quality, practical innovation and personal service explains why Dave never considered looking elsewhere when it came time to upgrade.

The FSI B31-980 isn't just meeting expectations — it's exceeding them.

CASE STUDY BY LOUISE CHALISS, PAN PUBLICITY
EDITED FSI STUMP CUTTERS

The background features a solid red field with several thick, white, curved lines that sweep across the frame, creating a sense of motion and energy. These lines are positioned in the upper and lower portions of the image, framing the central text.

ENGINE

FSI B21

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information



The FSI B21 stump cutter is the successor to the highly popular FSI B20. FSI B21 sets new standards for walk-behind stump cutters with its unique features. With a pivoting cutter arm, individual wheel brakes, vibration-damped operator handle, and the patented hill-hold system, this stump cutter makes working easy and efficient for operators of all skill levels. Measuring just 68 cm in width, FSI B21 can go through narrow passages and its hill-hold system provides the support you need when travelling up ramps or in uneven terrain. Driven by a petrol engine, the banded V-belt transfers power to the FSI power-cut cutter wheel. The single-sided sealed bearing housing on the cutter wheel is greased from the factory, eliminating the need for daily maintenance and provides reliable performance for over 1000 hours of normal operation. With the FSI B21 stump cutter, operators have a reliable, sturdy, and easy-to-use solution to remove any stump.

5 FEATURES

Sealed bearing housing on cutter wheel eliminates the need for daily maintenance.

Turntable design with a balanced pivot point and individual wheel brakes.

Hill hold system for greater safety and control on ramps or uneven terrain.

A safety bar disengages the cutter wheel when released, enhancing operator safety.

Easily accessible lashing and lifting points for fast and secure transportation.



Petrol



10.5 kW/14 hp



68 cm



90 cm



2.4 cm



30 cm



25 cm

FSI B23

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information



FSI B23 is a handy walk-behind stump cutter with a hydraulic wheel drive for effortless mobility on various terrains or up ramps onto trailers or trucks. The wheel drive is controlled simply by turning a section of the operator handle forward or back. This 68 cm wide, narrow-access stump cutter is equipped with a 14 hp Kohler Command PRO petrol engine, transferring the power to the FSI power-cut cutter wheel by a banded V-belt. With its operator-friendly design, FSI B23 features the acknowledged turn-table design and unique auto sweep-release for seamless repositioning at the stump. The closed bearing house on the cutter wheel eliminates daily maintenance, being pre-greased for more than 1000 hours of operation. While the vibration-damped and height-adjustable operator handle offers ergonomic comfort to reduce fatigue and improve productivity. For a versatile, reliable, and efficient stump removal experience, the FSI B23 stump cutter is a great choice!

5 FEATURES

Hydraulic wheel drive for effortless mobility on a range of terrains.

Automatic sweep-release for seamless repositioning at the stump.

Turntable design with a balanced pivot point

Safety bar turns off the engine when released, for enhanced operator safety

Easily accessible lashing and lifting points for fast and secure transportation.



Petrol



10.5 kW/14 hp



68 cm



118 cm



2.1 cm



30 cm



25 cm

FSI B28

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FSI B28 is an economical stump cutter featuring a reliable petrol engine with electronic fuel injection, delivering power while reducing fuel consumption. Its swing-out operator panel ensures optimal visibility and easy access to all controls, while still allowing travel through narrow gates by swinging in line with the machine when travelling. The hydraulic wheel drive and a mechanical differential lock enhance the machine's mobility and increase traction, making it suitable for a variety of terrains and challenging environments. Built-in hydraulic motor brakes and a counterbalance valve guarantee that the stump cutter will not slip back during grinding. All belts and the strong FSI power-clutch are conveniently located on the outside of the stump cutter, making service a breeze. Customise your experience with optional add-ons such as LED work-lights, FSI power-sweep control system, and twin wheels for greater convenience and functionality.

5 FEATURES

Efficient energy transmission through a robust V-belt drive system with FSI power-clutch.

Hydraulic wheel drive with mechanical differential lock for greater mobility and increased traction.

Complete control of operation from the swing-out operator panel.

Safety bar disengages the cutter wheel when released to increase operator safety.

Easily accessible lashing and lifting points for fast and secure transportation.



Petrol



19.8 kW/26.5 hp



80 cm



149 cm



3.4 cm



84 cm



35 cm

FSI B31

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information



The FSI B31-series simplifies your stump cutting operations with easy control and no daily maintenance. Its hydraulically driven cutter wheel eliminates V-belt adjustments, whilst the integrated oil cooler ensures consistent operation even in high-temperature conditions. The efficient petrol engine with electronic fuel injection and triple-pump system maximises cutting capacity with minimal power loss. Counter-rotating tracks provide exceptional manoeuvrability across varied terrain, whilst the compact width enables access through narrow passages and garden gates. The low centre of gravity ensures stability during operation, and built-in hydraulic motor brakes and counterbalance valve maintain secure positioning on slopes and during cutting. The swing-out operator panel swings in line with the machine for travel through narrow gates and tight spaces, while the remote control allows the operator to choose the most optimal position based on the job. Both the swing-out panel and remote control provide complete control and excellent work area visibility.

5 FEATURES

No daily maintenance and elimination of V-belts lower operating costs and workshop time.

Enhanced manoeuvrability and stability with counter-rotating tracks and a low centre of gravity.

Safety bar disengages the cutter wheel when released to increase operator safety.

Easily accessible lashing and lifting points for fast and secure transportation.

Choose from several models the best fit for your operational demands.



Petrol



19.8 kW/26.5 hp
28.3 kW/38 hp



74 cm



120 cm



3.6 cm



68 cm



40 cm

FSI B31 -749



The FSI B31-749 combines a 26.5 hp petrol engine with a compact 74 cm width, enabling access through tight spaces and narrow gates. Counter-rotating tracks and a low center of gravity ensure stability across varied terrains. Its hydraulic-driven cutter wheel requires no V-belt adjustments, minimizing daily maintenance. The swing-out operator panel offers complete control and swings in-line with the machine for convenient travel.

FSI B31 -980



Equipped with a 38 hp petrol engine, the FSI B31-980 offers more power while retaining the same great design. It maintains the narrow width, stability, and manoeuvrability of the FSI B31-749, with counter-rotating tracks ensuring reliable performance across varied terrain. The additional horsepower allows you to finish jobs faster and Approved. maintain efficient operation.

FSI B31 -980 REMOTE



The FSI B31-980 REMOTE delivers the proven 38 hp petrol engine power of the FSI B31-980 with the added advantage of remote control operation. Maintaining the same compact design and exceptional manoeuvrability, this model offers improved operator comfort and safety by allowing control from the optimal vantage point. Equipped with FSI power-sweep and the optional rear-mounted dozerblade for increased cutting depth and ground levelling after stump removal.

FSI B38

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The FSI B38 family boasts an efficient petrol EFI engine that delivers more torque and improved fuel economy compared to carbureted petrol engines. Its class-leading 217 cm sweep minimises the need for repositioning, while the single-side mounted cutter wheel enables close cuts near fences or obstacles. By retracting the extendable tracks or removing the twin wheels with the loosening of the centre bolt, FSI B38 achieves a class-leading 79 cm width for access through narrow passages or garden gates. Belts conveniently located on the far side of the stump cutter, and the sturdy FSI power-clutch ensure efficient energy transmission and easy belt adjustment. The closed bearing housing removes the need for daily cutter wheel greasing, FSI power-sweep automatically adjusts cutter wheel sweep speed to reduce engine and drivetrain stress, and the chip baffle automatically pushes debris and chip-shavings aside during the sweep motion.

5 FEATURES

Efficient energy transmission through a robust V-belt drive system with FSI power-clutch.

Class-leading sweep and work area for increased efficiency and less repositioning.

Choose from several models the best fit for your operational demands.

Easily accessible lashing and lifting points for fast and secure transportation.

Optional dozer blade with extensions (available for 4WD and TRACK models).



Petrol



28 kW/38 hp



79 cm



217 cm



5.7 cm



91 cm



47 cm

FSI B38 2WD



FSI B38 with 2-wheel drive offers an affordable option with all the top-tier features of the FSI B38 product family. Its swing-out operator panel and easily removable twin wheels enable a narrow 79 cm width for easy passage through garden gates. The hydraulic wheel drive with differential lock ensures traction over challenging terrain. The operator panel provides complete control of all functions, while the safety bar ensures the cutter wheel disengages upon release for enhanced operator safety.

FSI B38 4WD



FSI B38 4WD includes features from the 2WD model, but also offers FSI power-drive, a 2-speed ground drive system. This system allows users to choose between 2WD HI for long-distance travel at increased speed or 4WD LOW for enhanced traction during travel over terrain and stump cutting.

FSI B38 4WD REMOTE



FSI B38 4WD REMOTE combines the exceptional manoeuvrability of the 4WD model with the convenience of a full-featured remote control system. This remote control allows for efficient operation while offering an excellent view of the work area. In addition, the machine is fitted a basic operating panel for ease of movement in workshops and when loading onto trailers or trucks.

FSI B38 TRACK



Like FSI B38 4WD REMOTE, the TRACK model is equipped with a remote control system, providing all functions are to hand in stump cutting. A set of counter-rotating tracks offer enhanced manoeuvrability and traction on challenging terrain and can be retracted to allow passage through narrow garden gates.

FSI D30

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information



The FSI D30 stump cutter is a powerful solution featuring an economical diesel engine. This robust machine generates torque at low RPM, minimising noise and increasing operator comfort. Its compact design ensures easy navigation through tight spaces, such as narrow passages or garden gates, providing access to hard-to-reach stumps. Belts conveniently located on the far side of the stump cutter, and the sturdy FSI power-clutch ensure efficient energy transmission and easy belt adjustment. The optional FSI power-sweep control system can be added to further reduce engine and drivetrain stress. The FSI D30 stump cutter tackles even the most challenging stump removal tasks with ease and efficiency.

5 FEATURES

Economical and energy-efficient diesel engine offers torque at low RPM.

Fully serviceable FSI power-clutch cuts maintenance cost and eliminates the need for expensive replacements.

Optional dozer blade with extensions (available for TRACK models).

Easily accessible lashing and lifting points for fast and secure transportation.

Select the model that best fits your operational demands.



Diesel



18.5 kW/25 hp



80 cm



152 cm



3.7 cm



84 cm



35 cm

FSI D30 2WD



The wheeled version of FSI D30 offers hydraulic wheel drive and a mechanical differential lock to enhance the machine's mobility, making it suitable for a variety of terrains. Built-in hydraulic motor brakes and a counterbalance valve guarantee that the stump cutter will not slip back during operation. Its swing-out operator panel and easily removable twin wheels enable a narrow 80 cm width for easy passage through garden gates. The operator panel provides complete control of all functions, while the safety bar ensures the cutter wheel disengages upon release for enhanced operator safety.

FSI D30 TRACK



Equipped with counter-rotating tracks and FSI power-drive's two-speed drive motors, FSI D30 TRACK offers enhanced manoeuvrability and superior traction across a range of terrains, allowing operators to choose between HI speed for faster movement or LOW speed for enhanced traction capabilities. The retractable tracks, combined with the swing-out operator panel similar to the wheeled version, enable the machine to pass through narrow garden gates without compromising the overview of the work area.

FSI D30 TRACK REMOTE



The FSI D30 TRACK REMOTE offers the same enhanced maneuverability, great traction, and FSI power-drive as the FSI D30 TRACK with the convenience of full-feature remote control operation. The remote control allows efficient operation while offering an excellent view of the work area and enables the operator to control the machine from the optimal vantage point. Maintaining the compact size and retractable tracks, the machine easily passes through narrow gates. The machine includes a basic operating panel for ease of movement in workshops and when loading onto trailers or trucks.

FSI D60

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information



Boasting a strong and powerful 60 hp diesel FSI D60 is truly a unique stump cutter in the market. Its compact design ensures easy access to tight spaces; simply retract the extendable tracks or remove the twin wheels by loosening the centre bolt to achieve a best-in-class width of just 80 cm. The huge 220 cm sweep minimises repositioning, while the single-side mounted cutter wheel allows for close grinding near fences or obstacles. Say goodbye to daily cutter wheel greasing, thanks to the closed bearing housing, and enjoy reduced engine and drivetrain stress with FSI power-sweep. FSI D60 delivers impressive power at low RPM, keeping noise levels low and operator comfort high. Elevate your stump cutting experience with the full-featured remote control system, further increasing operator comfort while improving operating efficiency and providing the best possible view of the work area.

5 FEATURES

Remote control system increases efficiency and operator comfort.

Economical and energy-efficient STAGE V diesel engine provides high torque at low RPM.

Class-leading sweep and work area increase efficiency and limit repositioning.

Easily accessible lashing and lifting points for fast and secure transportation.

Optional dozer blade with extensions.



Diesel



44 kW/60 hp



80 cm



220 cm



7.2 cm



83 cm



44-47 cm

FSI D60 4WD

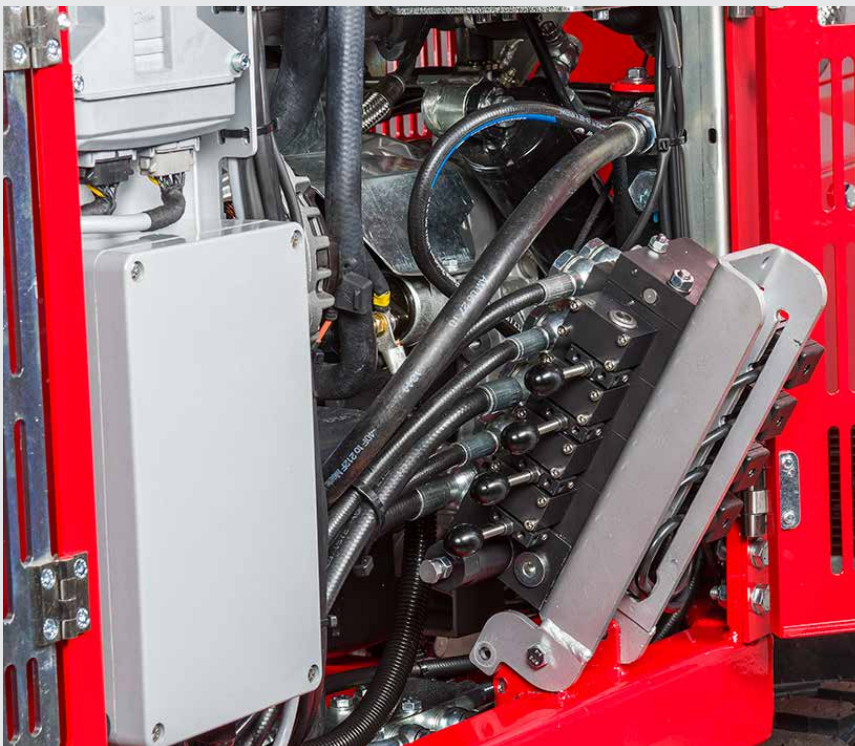


The wheeled FSI D60 version offers FSI power-drive, a 2-speed ground drive system. This system allows users to choose between 2WD HI for long-distance travel at increased speed or 4WD LOW for enhanced traction during travel over terrain and stump cutting. Built-in hydraulic motor brakes and a counterbalance valve guarantee that the stump cutter will not slip back during grinding, providing stability and security for the operator.

FSI D60 TRACK



FSI D60 TRACK is equipped with counter-rotating tracks for improved manoeuvrability and superior traction in challenging terrain. Its larger contact surface evenly distributes the machine's weight, minimising ground damage when traversing delicate surfaces such as lawns or gardens. Featuring two-speed drive motors, the track unit offers FSI power-drive, allowing operators to choose between HI speed for faster movement or LOW speed for enhanced traction capabilities.



Features such as hinged doors provide easy access to components reducing maintenance and workshop time.



The chip baffle automatically pushes debris and chip-shavings aside during the sweep motion for enhanced chip management

FSI D74

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FSI D74 is an exceptionally efficient stump cutter designed to handle large stumps effortlessly. Its unmatched 735 mm cutter wheel removes more than 12 cm per sweep. With a massive 230 cm sweep, most stumps can be eliminated in minutes without repositioning. This machine features a reliable and powerful 74 hp diesel engine, delivering impressive torque to the cutter wheel via a T-gear and double-sided V-belt drive. For outstanding operator comfort, FSI D74 comes with a full-featured remote control system, allowing for the best possible view of the work area, enhancing visibility, precision, and efficiency. The wide stance ensures stability on slopes and during cutting, while the retractable undercarriage or removable twin wheels enable a slim 89 cm width for navigating tight spaces and garden gates. FSI power-sweep helps reduce fatigue during long workdays by automatically adjusting the sweep speed to maintain optimal engine RPM, and the chip baffle automatically pushes debris and chip-shavings aside during the sweep motion.

5 FEATURES

Unmatched 12cm cut per sweep delivered by the 735 mm HARDOX cutter wheel.

Full-feature remote control system increases efficiency and operator comfort.

Class-leading sweep and work area increase efficiency and limit repositioning.

Easily accessible lashing and lifting points for fast and secure transportation.

Optional dozer blade with extensions.



Diesel



55 kW/74 hp



89 cm



230 cm



12.3 cm



96 cm



39-50 cm

FSI D74 4WD



Choose between 2WD HI for long-distance travel at increased speed or 4WD LOW for enhanced traction during travel over terrain and stump cutting with FSI power-drive. Built-in hydraulic motor brakes and a counterbalance valve guarantee that the stump cutter will not slip back during grinding, providing stability and security for the operator. Storage compartments in the base frame provide convenient storage of spare parts and remote control when not in use.

FSI D74 TRACK



Counter-rotating tracks provide for excellent traction and manoeuvrability, even in difficult terrain. The large contact surface helps distribute the machine's weight across a large area to limit ground damage. With its two-speed drive motors, FSI D74 TRACK offers FSI power-drive, allowing operators to choose between HI speed for faster movement or LOW speed for enhanced traction capabilities.



FSI D74 rapidly removes stumps thanks to its 735 mm large cutting wheel.



The optional dozer blade eases the process of leveling the ground and refilling after stump removal, leaving a cleaner, more professional-looking work site.

COMPARISON

	ENGINE				DRIVE SYSTEM		DIMENSIONS			
	ENGINE	ENGINE SIZE	COOLING	TANK CAPACITY	GROUND DRIVE	BRAKE	LENGTH	WIDTH	HEIGHT	WEIGHT
PETROL										
FSI B21 KOHLER	Kohler CH440	10.5 kW 14 hp	Air	7 l	-	Hill hold system - 2x individual	1580 mm	680 mm	1230 mm	130 kg
HONDA	Honda GX390	8.2 kW 11.1 hp	Air	6.1 l	-	Hill hold system - 2x individual	1580 mm	680 mm	1230 mm	135 kg
FSI B23	Kohler CH440	10.5 kW 14 hp	Air	7 l	2WD	Manual	1870 mm	680 mm	1300 mm	215 kg
HONDA	Honda GX390	8.2 kW 11.1 hp	Air	6.1 l	2WD	Manual	1870 mm	680 mm	1300 mm	215 kg
FSI B28	Kohler ECH749	19.8 kW 26.5 hp	Air	35 l	2WD	Automatic	2720 mm	800 mm	1180 mm	665 kg
FSI B31 -749	Kohler ECH749	19.8 kW 26.5 hp	Air	25 l	Tracks	Automatic	2280 mm	740 mm	1155 mm	660 kg
-980	Kohler ECH980	28 kW 38 hp	Air	25 l	Tracks	Automatic	2335 mm	740 mm	1155 mm	680 kg
-980 REMOTE	Kohler ECH980	28 kW 38 hp	Air	25 l	Tracks	Automatic	2335 mm	740 mm	1095 mm	650 kg
FSI B38	Kohler ECH980	28 kW 38 hp	Air	40 l	2WD	Automatic	2925 mm	790 mm	1260 mm	840 kg
4WD	Kohler ECH980	28 kW 38 hp	Air	40 l	4WD	Automatic	2915 mm	790 mm	1260 mm	900 kg
4WD REMOTE	Kohler ECH980	28 kW 38 hp	Air	40 l	4WD	Automatic	2915 mm	790 mm	1260 mm	900 kg
TRACK	Kohler ECH980	28 kW 38 hp	Air	40 l	Tracks	Automatic	2900 mm	780 mm	1260 mm	1100 kg
DIESEL										
FSI D30	Kubota 1305	18.5 kW 25 hp	Water	35 l	2WD	Automatic	2730 mm	800 mm	1220 mm	810 kg
TRACK	Kubota 1305	18.5 kW 25 hp	Water	35 l	Tracks	Automatic	2740 mm	760 mm	1220 mm	970 kg
TRACK REMOTE	Kubota 1305	18.5 kW 25 hp	Water	35 l	Tracks	Automatic	2740 mm	760 mm	1220 mm	970 kg
FSI D60	Hatz 3H50TICD	44 kW 60 hp	Water	40 l	4WD	Automatic	2995 mm	800 mm	1395 mm	1250 kg
TRACK	Hatz 3H50TICD	44 kW 60 hp	Water	40 l	Tracks	Automatic	2995 mm	800 mm	1395 mm	1450 kg
FSI D74	Kohler KDI2504TCR	55 kW 74 hp	Water	40 l	4WD	Automatic	3270 mm	890 mm	1525 mm	1725 kg
TRACK	Kohler KDI2504TCR	55 kW 74 hp	Water	40 l	Tracks	Automatic	3270 mm	890 mm	1510 mm	1950 kg

WORK AREA				CUTTING HEAD				FEATURES			
ABOVE GROUND LEVEL	BELOW GROUND LEVEL	SWEEP WIDTH	MAX CUTTING DEPTH	DIAMETER	TEETH/QTY	CLUTCH	CUTTER WHEEL DRIVE	REMOTE CONTROL	FSI POWER-SWEEP	FSI POWER-DRIVE	DOZER BLADE
30 cm	25 cm	90 cm	2.4 cm per sweep	386 mm	FSI 21 8 pcs	Centrifugal	V-belt				
30 cm	25 cm	90 cm	2.4 cm per sweep	386 mm	FSI 21 8 pcs	Centrifugal	V-belt				
30 cm	25 cm	118 cm	2.1 cm per sweep	386 mm	FSI 21 8 pcs	V-belt	V-belt				
30 cm	25 cm	118 cm	2.1 cm per sweep	386 mm	FSI 21 8 pcs	V-belt	V-belt				
84 cm	35 cm	150 cm	3.4 cm per sweep	446 mm	FSI 21 8 pcs	FSI power-clutch	V-belt		OPTION		
68 cm	40 cm	120 cm	3.6 cm per sweep	467 mm	FSI 25 8 pcs	-	Hydraulic				
68 cm	40 cm	120 cm	3.6 cm per sweep	467 mm	FSI 25 8 pcs	-	Hydraulic				
68 cm	40-45 cm	120 cm	3.6 cm per sweep	467 mm	FSI 25 8 pcs	-	Hydraulic	X	X		OPTION
91 cm	47 cm	217 cm	5.7 cm per sweep	581 mm	FSI 25 12 pcs	FSI power-clutch	V-belt		X		
91 cm	47-51 cm	217 cm	5.7 cm per sweep	581 mm	FSI 25 12 pcs	FSI power-clutch	V-belt		X	X	OPTION
91 cm	47-51 cm	217 cm	5.7 cm per sweep	581 mm	FSI 25 12 pcs	FSI power-clutch	V-belt	X	X	X	OPTION
91 cm	47-58 cm	217 cm	5.7 cm per sweep	581 mm	FSI 25 12 pcs	FSI power-clutch	V-belt	X	X	X	OPTION
84 cm	35 cm	150 cm	3.7 cm per sweep	467 mm	FSI 25 8 pcs	FSI power-clutch	V-belt		OPTION		
84 cm	35-40 cm	150 cm	3.7 cm per sweep	467 mm	FSI 25 8 pcs	FSI power-clutch	V-belt		OPTION	X	OPTION
84 cm	35-40 cm	152 cm	3.7 cm per sweep	467 mm	FSI 25 8 pcs	FSI power-clutch	V-belt	X	OPTION	X	OPTION
83 cm	44-47 cm	220 cm	7.2 cm per sweep	581 mm	FSI 25 16 pcs	Mechanical clutch	Bevel gearbox and V-belt	X	X	X	OPTION
83 cm	44-52 cm	220 cm	7.2 cm per sweep	581 mm	FSI 25 16 pcs	Mechanical clutch	Bevel gearbox and V-belt	X	X	X	OPTION
96 cm	39-50 cm	230 cm	12.3 cm per sweep	735 mm	FSI 29 28 pcs	Mechanical clutch	Bevel gearbox and V-belt	X	X	X	OPTION
94 cm	41-46 cm	230 cm	12.3 cm per sweep	735 mm	FSI 29 28 pcs	Mechanical clutch	Bevel gearbox and V-belt	X	X	X	OPTION

FSI Stump Cutters reserves the right to make changes in engineering, design, and specifications without notice. Dimensions may vary, depending on options and selections.





HYDRAULIC

HYDRAULIC

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Increase your excavator's functionality by adding a hydraulic-powered stump cutter attachment, ideal for hard-to-reach areas such as slopes, riverbanks, or behind fences and stone walls. Our range accommodates excavators from 2-20 tonnes (15-160 hp).

Attached to an excavator or similar equipment, all operations, such as sideways and up/down movements, can be easily controlled using the familiar controllers of the excavator. The cutting direction can be adjusted in 45-degree increments at the joint between the unit and the attachment plate. The stump cutters come with an uncoated top plate, allowing for welding on a suitable attachment. A wide selection of tool attachments is optionally available upon request.



Please note: FSI hydraulic stump cutters require a free flow return connection.



Heavy-duty piston motors simplify construction and remove the need for V-belts.



A floating motor bracket with integrated vibration absorbers reduces strain on the construction.

FSI H20



2.5 cm per
sweep



2 - 3.5 ton



12-22 kW
15-30 hp



30-50 l/min
max 250 bar

FSI H40



5.2 cm per
sweep



3-7 ton



18-31 kW
25-42 hp



50-75 l/min
max 250 bar

FSI H52



6.1 cm per
sweep



8-14 ton



29-48 kW
40-65 hp



80-110 l/min
max 300 bar

FSI H65



8.2 cm per
sweep



12-20 ton*



55-118 kW
75-160 hp*



100-200 l/min
max 350 bar*

*Covered by 3 variants.

HYDRAULIC

WITH SWEEP

Scan for more
information



Maximise the versatility of your loader or tool carrier by adding a stump cutter as a tool, allowing stump removal in hard-to-reach areas. Two hydraulic cylinders and an adjustable flow valve ensure a stable sideways sweep controlled either directly from the tool carrier's controls or by an electronic switch box. The stump cutters come with an uncoated back plate, allowing for welding on a suitable attachment. A wide selection of tool attachments is optionally available upon request.

Please note: FSI hydraulic stump cutters require a free flow return connection.



If required, the hydraulic flow rate for the sweep can be adjusted to accommodate various levels of wood hardness.



For 3-hose tool carriers, the stump cutter's sweep is operated by an electronic switch, fitted a magnet for convenient positioning near the operator.



Select 3 or 5-hose connection to fit your tool carrier's specification. With 5-hose connection the sweep is operated directly from the tool carrier controls.

FSI H20S



2.5 cm per
sweep



2.0-3.5 ton



12-22 kW
15-30 hp



30-50 l/min
max 250 bar



94 cm

FSI H40S (50-75)



5.2 cm per
sweep



2.0-3.5 ton



18-31 kW
25-42 hp



50-75 l/min
max 250 bar



118 cm

FSI H40S (80-110)



5.2 cm per
sweep



2.0-3.5 ton



29-48 kW
40-65 hp



80-110 l/min
max 250 bar



118 cm



WAAYENBERG MACHINEVERHUUR - RELIES ON FSI STUMP CUTTERS

**IT'S EASY TO OPERATE AND
FEATURES HYDRAULIC DRIVE.
ANYONE CAN USE IT, EVEN
SOMEONE RENTING IT FOR THE
FIRST TIME. THAT MAKES THE FSI
B31 IDEAL FOR RENTAL**

**RALPH BRONKHORST
WAAYENBERG MACHINEVERHUUR**

Waayenberg Machineverhuur is building a complete rental fleet for private users and professionals with the FSI B31 and D60 Track.

FROM FIRST SCAFFOLD TO RENTAL MACHINERY SPECIALIST

What began with renting out a single rolling scaffold in 2005, has grown into a well-known and trusted name: Waayenberg Machineverhuur, a Dutch rental company based in Barneveld.

RENTAL INDUSTRY SPOTLIGHT

Dedicated to providing solid and user-friendly equipment for contractors, landscapers, and private users, their premise is clear: rent out machinery that's reliable, easy to use, and ready for every task. *"It simply has to work,"* Ralph Bronkhorst, an employee at Waayenberg Machineverhuur, sums it up soberly.

With this in mind, Waayenberg chose FSI stump cutters. This decision resulted in an expansion of the rental fleet with a B31 and a D60 Track—two machines that perfectly meet the wide-ranging needs of their customers.

BUILT FOR THE DEMANDS OF THE RENTAL MARKET

A machine used in rental must be able to withstand a beating. It's used daily, often intensively, and needs to perform under all circumstances. That is precisely why FSI was chosen. FSI machines stand out due to their safety, robust construction, and ease of operation. These are all essential factors for a rental company. But just as important is their compact build: "The narrow width is truly ideal. Many of our customers have to pass through garden gates or narrow passages, and these machines make it effortless."

A COMPACT AND POWERFUL STUMP CUTTER FOR NARROW ACCESS

With the need for a compact tracked stump cutter in mind, Waayenberg chose the FSI B31—a narrowly designed stump cutter on tracks with the power to remove large stumps with ease.

"It's easy to operate and features hydraulic drive. Anyone can use it, even someone renting it for the first time. That makes the FSI B31 ideal for rental," Bronkhorst explained.

EXPANDING THE RENTAL OFFERING

Renting out the FSI B31 led to a desire to expand the stump cutter rental range. Meanwhile, the ambition to reach professional foresters and tree care professionals grew. The result: the addition of the FSI D60 Track.

"We saw opportunities to broaden our rental range while reaching a market segment we had previously barely touched," says Bronkhorst. "The FSI D60 Track fits perfectly: it's more powerful and capable of grinding large stumps even faster."

THE RIGHT STUMP CUTTER FOR EVERY JOB

Waayenberg is committed to offering the right solution for every customer. "FSI helps us to accomplish this goal, with compactly designed stump cutters, which are reliable, easy to use, and above all: do what they are supposed to do." Whether it involves a homeowner or landscaper working in a small backyard or a forestry professional removing dozens of large stumps, the combination of the FSI B31 and FSI D60 Track offers the right solution for every job.

AN INVESTMENT IN CUSTOMER SATISFACTION

Waayenberg's choice for FSI stump cutters proves that quality and usability can go hand in hand. With the B31 and D60 Track, FSI demonstrates its ability to build machines that not only meet the demands of professional users but also fit seamlessly into the dynamics of the rental market.

For rental companies seeking durable, reliable, and safe stump cutters, FSI isn't just a convenient option. It is a deliberate investment in customer satisfaction.

FSI PARTNER SPOTLIGHT

Hissink BV is the official Dutch partner of FSI Stump Cutters, located in Oeken (Brummen). The company supplies a wide range of machinery and equipment for landscaping, forestry, and agricultural professionals.

Tel: +31 (0)575 476 555
www.hissink-oeken.nl/contact/

CASE STUDY BY TIMOTHY DE NIES,
 HISSINK BV





The background is a solid red color. It features several thick, white, curved lines that sweep across the frame. Two lines are positioned above the word 'TRACTOR', and two are positioned below it, creating a sense of motion or a stylized 'V' shape.

TRACTOR

TRACTOR

Scan for more
information



FSI tractor-mounted stump cutters are ideal for land-clearing projects, removing stumps in orchards, municipal work in parks or along pathways and roads. Leveraging the tractor's power and all-terrain capabilities, these stump cutters efficiently remove multiple stumps in a short time, making them perfect for high-volume jobs in open-access areas.

To use the stump cutter, simply connect it to the tractor's 3-point linkage and attach the shaft to the PTO. All functions are controlled via the joystick provided, which can be mounted on the tractor or tool carrier using the bracket included.



Hydraulic and electrical connectors are included and clearly marked for correct handling



Adjust the sweep-rate to fit the hydraulic flow of your tractor and the hardness of the stump.



All functions are within fingertip reach with the multi-directional joystick.

FSI T25



FSI T25 is an economical stump cutter for smaller, category 1 tractors. With a hydraulic top link that tilts the stump cutter to extend the reach, there is limited need to reposition the tractor during operation.



4.8 cm per sweep



35 cm



40 cm



35 l/min



19-41 kW
25-55 hp



108 cm

FSI T27



For tractors with category 1 or 2 FSI T27 offers hydraulic extension and height-adjustable support legs. Along with a large sweep range this stump cutter is suitable for typical requirements in this segment.



5.1 cm per sweep



40 cm



40 cm



35 l/min



27-60 kW
35-80 hp



140-175 cm

FSI T65



With hydraulic lift of the arm, extension/tilt of the cutting head and an adjustable chip guard FSI T65 offers an extremely efficient tool for stump removal. Available for category 2 tractors between 70-120 hp.



8.2 cm per sweep



60 cm



50 cm



90 l/min



53-90 kW
70-120 hp



140-220 cm



CASE STUDY BY LOUISE CHALISS, PAN PUBLICITY FOR FSI STUMP CUTTERS

TALES OF TREES AND TIMBERSPORTS

Our FSI ambassador Felixia Banck has proven that when she puts her mind to something, there is little that can stand in her way of achieving it. In just a few short years, Felixia's one-woman business Smileaf has enabled her to share a love of trees with customers throughout the Nordic countries while, at the same time, she's risen the ranks in Timbersports around the world. Did she reach her ambitious goal of being among the top women in Timbersports? **You bet she did!**



“I was also fortunate enough to take a tour of the FSI Factory to see the stump grinders being assembled from scratch which was fascinating. Sitting at the round table having lunch together felt more like a family gathering than a workplace. FSI have a lot of heart, and I am very grateful to be a part of that family.”

FELIXIA BANCK
TIMBERSPORTS ATHLETE

FINDING OPPORTUNITY AFTER HARD TIMES

The opportunity to convert her passion for tree care into a career presented itself after the loss of her parents. The challenges she's faced have shaped Felixia's view on both her life and her job, converting this adversity into a positive mindset and sheer determination to succeed – evident in the wonderful journey she's experienced with her business Smileaf, founded in April 2022.

Felixia explains, “I've been so busy. Smileaf has taken me to Norway to help prune and brace protected trees on an old cemetery, to the registration of trees in cities across Denmark. I have loved being able to share all of my knowledge and work together with customers to find a solution to tackle projects in new ways – and I'm not afraid to turn down assignments that go against what is good for the trees.”

“There's still a long way to go in educating the public about what good tree care is, but myself and many others are doing our best to spread our knowledge and passion which will hopefully create even more opportunities for me in the future.”

BALANCING ARBORIST AND ATHLETE LIFE

When the day job of being an ETW certified arborist is at an end, you will often find Felixia in the garden with an axe or singlebuck saw as the training to be a top-level Timbersports athlete never stops.

“It might sound crazy but when I get home from work

tired, I gain a second lease of life when I train. If I can combine chopping a block or two with spending time with my family then that's even better” says Felixia.

It's this dedication that has seen Felixia achieve her dreams of seeing her name in the top ranks of Timbersports. In the last two years, she has competed against the very best female athletes at a number of events around the world – with the highlight being crowned Winner of the British Women's Championship in June 2024.

“I had an incredible Timbersports season last year and am delighted to have taken the title against some seriously talented athletes. I improved a lot and managed to set a good time in an event that I only started training for two weeks before the first competition of the season.” She adds, “I ended the year with a trip to Tasmania where I won a state title and became 'Ladies Underhand' champion which is probably one of the biggest moments in my Timbersports career to date.”

CELEBRATING SUCCESS AS A TEAM

FSI Stump Cutters have been proudly supporting Felixia every step of the way – particularly with her remarkable accomplishments in Timbersports. “It's been lovely having FSI come and watch me compete at several events. They are always so genuinely interested to hear about my work, travelling and my competitions - something I would simply not be able to do if it wasn't for FSI supporting me” she says.

INDICATIVE CUT TIMES

The following table indicates the time taken to remove a 15 cm high stump, cutting it down 15 cm below ground level.

The capacity of the hydraulic-driven and tractor-driven stump cutters is based on a medium-sized tool carrier, excavator or tractor according to the recommended power requirements.

	Ø40 CM	Ø65 CM	Ø105 CM
ENGINE			
FSI B21	12 min	25 min	90 min
FSI B23	10 min	20 min	70 min
FSI B28	7 min	15 min	40 min
FSI B31-749	8 min	16 min	45 min
FSI B31-980	5 min	11 min	32 min
FSI B38	5 min	10 min	28 min
FSI D30	6 min	12 min	35 min
FSI D60	4 min	7 min	18 min
FSI D74	3 min	6 min	15 min
HYDRAULIC			
FSI H20 // H20S	25 min	30 min	100 min
FSI H40 // H40S	12 min	25 min	75 min
FSI H52	7 min	18 min	45 min
FSI H65	3 min	6 min	15 min
TRACTOR			
FSI T25	8 min	15 min	45 min
FSI T27	6 min	12 min	35 min
FSI T65	3 min	6 min	15 min

STAY CONNECTED

At FSI, we're proud to build reliable and efficient stump grinders with owners and operators in mind. We love seeing our machines in action and celebrating the operators who use them every day.

Show us your FSI in action!

Tag us on social media using @fsi.dk and include the hashtag #fsistumpcutters or your machine's model (for example, #FSIB21).

Let's grow the FSI community - tag us in your next job!



Connect & Get more FSI!

Discover all things FSI! Scan the QR code to explore our social media channels across various regions and join our newsletter for direct access to FSI insights, tips, and updates.

**For more information
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