



— SINCE 1962 —

# FARMi FOREST

PIONEER IN SMART FORESTRY

FARMi PRODUCTS

# FARMI FOREST

## QUALITY WITH OVER 50 YEARS OF EXPERIENCE

### REFINED TO COMPLETION

The story of Farma Forest began with the manufacture of tractor machinery back in 1962. We were one of the first companies to introduce forestry machines for use on Farming tractors and have been involved in designing innovative products that have shaken up the forest industry. We use only the highest quality raw materials and the industry's most cutting-edge components in our products. Our production machines represent the latest in technology, and information technology is utilized in all operations. Farma's quality is ensured by the company's highly trained, proficient staff. The quality system conforms to ISO 9001 standards and has been certified since 1994. We invest heavily in product development. The resulting technical solutions for many of the products are born from cooperation with end-users, with the goal of improving customer productivity.







OUR PRODUCT RANGE



# TRAILERS

A red tractor is shown in a forest setting, equipped with a log grapple attachment. The grapple is lifting a large log from a pile. The tractor's trailer is also loaded with logs. The background is a dense forest of tall trees.

**FT9 | FT11 | FT13**





# FARMI FOREST

## WORLD'S FIRST AND THE BEST TRAILER

You will try once and never change it again. The End game.

Farmi Forest trailers are award winning, professional, and most of all the end game trailer for many forest and farm operators. Farmi Forest's log trailers are durable, agile and stable, also on difficult terrains. Farmi log trailers are known for their outstanding usability, functionality and durability. The trailers have been calibrated so that their own weight is proportional to the size of the load compartment. This ensures smooth progress, also when the trailer is loaded. We in Farmi Forest name our trailers based on the load it can carry, not the total weight of the unit. It is just the attitude we in Farmi provide. 9 Ton trailer carries 9 tons of material.

Product:

FT = Forest trailer

→ **FT13** ←

Load

capacity, tons



# WHY FARMi IS THE AWARD WINNING TRAILER?

## LOW CENTRE POINT OF GRAVITY CREATES BALANCE

The only way to design a professional trailer is to have a low center point of gravity. The purpose is to ensure that the trailer's operation is balanced, also when it is empty, on the road, with full load or in difficult terrain. Years of optimizing, designing and calibrating the load compartment as well as bringing the crane's anchor point as low as possible and close to the trailer frame gains importance, when the log trailer is equipped with a crane.





## SINGLE BEAM – THE ONE AND ONLY

In a single beam log trailer, the position of the bogie frame and removable banks can be adjusted depending on the length of the timber being transported and the required shaft weight. The manufacture of Farmi trailers has involved investments in quality. The parts we use are dimensionally accurate and carefully manufactured. This is visible to users as steady operation and torsional rigidity when crossing obstacles. Only choose single beam trailers for your operations.

All of our trailers are equipped with a 2-cylinder articulated drawbar steering system with plenty of turning force. The steering system has been designed for safe and controlled operation.

## RIGHT ACCESSORIES FOR ALL PROFESSIONAL OPERATIONS

A wide range of accessories is available for our log trailers. We can equip your trailer with a roller drive, hub drive or axle drive. The log trailers' pump units also ensure sufficient yield and oil flow for both trailer drive and crane operation. The oils of the tractor and the timber combination will not get mixed, preventing impurities from circulating easily.

Do it your way!





# FT9

FT9 is our smallest log trailer model for the transport of tree thinnings and firewood. The log trailer is based on Farmi Forest's winner of testing carried out in the Koneviesti professional publication 2014/16.

The carrying capacity of the agile and durable single-beam trailer is 9 tonnes. The trailer's standard equipment includes 6 frame beams (3 pairs) and is only 212 cm wide with 400/60-15.5 tyres. The FT9 -log trailer has movable banks and bogie frame with a ratchet mechanism and hoops for securing loads. The carefully planned and designed load compartment ensures balanced operation, whatever the conditions.

LED tail lights, 500/17 tyres and brakes available as accessories.

## Technical details

## FT9

Load capacity, kg	9 000
Load area, m <sup>2</sup>	1,9
Own weight, kg	1 300
Ground clearance with standard tires, mm	550
Frame tube dimensions, mm	160 x 160 x 8
Steering cylinders, pcs	2
Steering angle, degrees	34
Bolsters, standard, pcs	3
Wheel set, standard	400/60-15,5 14pr
Wheel set, optional	500/50-17 18pr
Suitable Cranes	CR37, CR47

## COMPATIBLE CRANES FOR FT9 TRAILER

### CR37

CR37 – The smallest Farmi Crane. The crane's lifting capacity is 710kg/4m and maximum outreach 6.5 meters.

### CR47

CR47 – An efficient and light high-performance crane with a very low design. The crane's lifting capacity is 840kg/4m and maximum outreach 6.9 meters.





# FT11

When the amount of timber you transport each year exceeds one thousand m<sup>3</sup>, FT11 is the right choice for your log trailer. The single-beam trailer's carrying capacity is 11 tonnes. The standard package includes 3 beam pairs, removable banks and a bogie. Load compartment length is 4.0 m and the load area is 2.54 m<sup>2</sup>. As much specially manufactured steel as possible has been used in manufacturing the trailer.

You can initially purchase FT11 without 4WD equipment as the 4WD system can be retrofitted to the same standard trailer. However, you should choose tyres suitable for a roller drive when purchasing a trailer.

The FT11 model is a great fit for the transportation of energy wood and tree thinnings. It can be moved easily in narrow spaces in a thinned forest. The standard equipment includes 500/55-17 tyre, with which the trailer's width is only 229 cm. 400/55-22.5 tyre with 8-bolt hubs and bogie beams are also available. These are the same type as in FT13.

Technical details	FT11
Load capacity, kg	11 000
Load area, m <sup>2</sup>	2.54
Own weight, kg	1580-1830
Ground clearance with standard tires, mm	550-640
Frame tube dimensions, mm	200 x 200 x 8
Tractive force (4WD), kN	4WD 1.9 2WD 2.5
Steering cylinders, pcs	2
Wheel set, standard	500/50-17
Wheel set, optional	400/55-22.5
Suitable crane	CR67, CR69

## COMPATIBLE CRANES FOR FT11 TRAILER

### CR67

CR67 – A high-performance crane which has a lifting capacity of 1150kg/4m and maximum outreach of 7,2 meters.

### CR69

CR69's lifting capacity is 870kg/4m and maximum outreach 8,5 meters.





# FT13

FT13 is for the real wood operations. FT13 is the right choice for you even if the amount you transport each year exceeds 15,000m<sup>3</sup>. The professional use single-beam trailer's carrying capacity is 13 tonnes. FT13 is not like other trailers out there as it is stronger than anybody in the market and that makes our trailers real work horses of the forests. The standard equipment includes tire 550/45-22.5 and 600/50-22.5 tire is also available as an option.

Technical details	FT13
Load capacity, kg	13 000
Load area, m <sup>2</sup>	2.85
Own weight, kg	1995-2180
Ground clearance, mm	695
Frame tube dimensions, mm	250 x 250 x 8
Tractive force (4WD), kN	1.9 (2.5)
Steering cylinders, pcs	2
Wheel set, standard	550/45-22.5
Wheel set, optional	600/50-22.5
Suitable crane	CR87, CR89

## COMPATIBLE CRANES FOR FT13 TRAILER


### CR87

CR87 is an efficient and high-performance crane with one extension. The lifting capacity is 1350kg/4m and maximum outreach of 7.5 meters.

### CR89

CR89 crane comes with two extensions. The lifting capacity is 1180kg/4m and maximum outreach of 9 meters.



A misty forest scene with tall, thin trees and dense evergreen undergrowth. The text is overlaid in white, bold, sans-serif font.

FARMI'S STRONGEST  
AND MOST ROBUST  
TRAILER, FT17, IS  
COMING UP SOON



# COMPATIBLE CRANES







### CR37

CR37 is the smallest Farmi Crane. Crane's maximum outreach is 6.5 meters, gross lifting moment 37 kNm and turning force 12 kNm. The CR37 wood crane's lifting capacity is 710kg/4m and 370kg at maximum extent.



### CR47

CR47 – An efficient and light high-performance crane with a very low design. Crane's maximum outreach is 6.9 meters, gross lifting moment 46 kNm and turning force 12 kNm. The CR47 crane's lifting capacity is 840kg/4m and 450kg at maximum extent.



### CR67

CR67 – A high-performance crane with maximum outreach of 7.1 meters, gross lifting moment 57 kNm and turning force 19 kNm. CR67 has a lifting capacity of 1150kg/ 4m and 570kg at maximum extent.



### CR69

CR69 has a maximum outreach of 8.5 meters, gross lifting moment 57 kNm and turning force 19 kNm. The CR69 wood crane's lifting capacity is 870kg/4m and 380kg at maximum extent.



### CR87

CR87 is an efficient and high-performance crane with one extension. Crane's maximum outreach is 7.4 meters, gross lifting moment 75 kNm and turning force 19 kNm. The crane's lifting capacity is 1350kg/4m and 690kg at maximum extent.



### CR89

CR89 comes with two extensions. Crane's maximum outreach is 9 meters, gross lifting moment 75 kNm and turning force 19 kNm. The crane's lifting capacity is 1160kg/4m and 690kg at maximum extent.





# ACCESSORIES AND OPTIONS

You can tailor your trailer so that it fits your operations perfectly. All the trailers have many options and accessories to choose from.

	FT9	FT11	FT13	FT17
Extra bolster set	x	x	x	x
Extended frame and extra bolster set	x	x	x	x
4WD roller -drive	-	x	x	-
2WD hub-drive (Black Bruin®)	-	x	x	-
Wheel Options and reinforcement	x	x	x	-
Hydraulic brakes, 2 wheels IN	x	-	-	-
Hydraulic brakes, 2 wheels OUT	x	x	x	-
Pneumatic brakes, 2 wheels	x	x	x	-
Overrun front brakes	x	-	-	-
Overrun front and hydraulic rear brakes	x	-	-	-
Hydraulic brakes, 4 wheels	-	x	x	x
Pneumatic brakes, 4 wheels	-	x	x	-
HD unit, fixed displacement or load sensing, male	x	x	x	x
HD unit, fixed displacement or load sensing, female	x	x	x	-
Operator's Stand	x	x	-	-
Rack for chainsaw, axe and combitank	x	x	x	x
Road Traffic Kit	x	x	x	x





### Extra bolster set and Frame extension

Extended frame and 4th bolster set makes loading easier and helps to carry different lengths of trees.



### Road Traffic Kit

Includes necessary parts for legal driving on the road, custom-made structure for each country. Includes rear LED lights.



### 4WD roller-drive 2WD hub-drive (Black Bruin®)

Traction unit – 4WD roller-drive or 2WD hub-drive. Power unit that makes working and driving smooth and easy. With hub drive, it is possible to use chains or tracks.



### Bigger wheels and reinforced rim

Bigger wheels - better stability with bigger and wider wheels.



### HD unit, fixed displacement or load sensing, male

Male pump connection to tractor via PTO shaft.



### HD unit, fixed displacement or load sensing, female

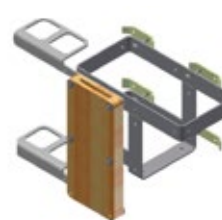
Female pump connection straight to tractor's PTO

If the combination is used in different tractors, pump unit ensures different oils won't get mixed. There is enough oil flow for crane/trailer 4wd.



### Operator's stand

Excellent visibility when working. There is no need to lift heavy control valve (on/off) into the tractor cabin. Sometimes it's difficult to find room for a valve from cabin.



### Rack

For chainsaw, axe and combitank

## BRAKE OPTIONS FOR TRAILERS



FT9 only

### Hydraulic brakes, 2 wheels IN



### Hydraulic brakes, 2 wheels OUT



### Pneumatic brakes, 2 wheels



### Overrun front brakes



### Overrun front and hydraulic rear brakes



### Hydraulic brakes, 4 wheels



### Pneumatic brakes, 4 wheels

Your trailer can be equipped with 2 or 4 hydraulic or air brakes (brakes in 1 or 2 axles). Overrun brakes are **only** available for FT9.





# CRANES

## BALANCED SOLUTION WITH EXCELLENT OPERABILITY

Our efficient wood cranes have been designed for demanding logging activities, but they also suit for general agricultural use. Our crane range is sure to provide customers with models optimal for their needs. Farmi Forest's wood cranes have good lifting capacity, reach far and wide, and they are extremely durable – the wood cranes have long service life. We also offer a wide selection of accessories for the entire collection. The cranes are typically installed on a trailer drawbar, which allows the use of the entire crane range and ensures optimal operating radius. In addition to this, cranes can also be attached to a tractor.

Product:

CR = Crane

↓      ↙      Gross lifting capacity  
**CR37**      ←      Max outreach  
                                 (meters)

**CR37 | CR47 | CR67 | CR69 | CR87 | CR89**



# CR37 | CR47

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You can choose either CR37 or CR47 for your FT9. Both are highly efficient and light high-performance cranes. The booms are made 85% of high strength steel.

They have a robust die cast gear house and the oil drain cap makes maintenance easy. The crane's standard equipment also includes a lift cylinder cover.

Both CR37 and CR47 cranes have very low design. Combining for example the CR47 crane with the Farmi log trailer will enable you to maintain low height for the entire machine solution; for instance, the height of a FT9+CR47 combo is just 262 cm. The low height ensures a low centre of gravity and balanced operation, whether the machine is empty or loaded.

You can choose TG16 grapple for your CR37 and CR47 and TG18 for CR47. The flanged model rotator enables providing protection for the grapple hoses. The grapple penetrates stacks efficiently and does not turn the final logs into a grid formation. The grapple and pins are made of specially manufactured steel. Thanks to the grapple's reinforced jaws, it can also be used for handling stones.

Valves: on/off, Fully Mechanic Control, Hydraulic Pilot Control, Electric Pilot Control, Remote Control.





# CR67 | CR69

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The CR67 and CR69 cranes create efficiency and high performance. The booms are made 85% of high strength steel. Cranes have a robust and powerful die cast gear house and the oil drain cap makes maintenance easy. Standard equipment includes an electrically controlled valve on the side of the crane boom. The cranes standard equipment also includes a lift cylinder cover. CR69 has the hosing for the double extension inside the extension. Rotator hoses are well protected at the boom end.

For both CR67 and CR69 you can choose either TG18, BG21 or TG23 grapple, which all have an

efficient and functional design. The flanged model rotator enables providing protection for the grapple hoses. The grapple penetrates stacks efficiently and does not turn the final logs into a grid formation. The grapple and pins are made of specially manufactured steel. Thanks to the grapple's reinforced jaws, it can also be used for handling stones.

Valves: On/Off, Hydraulic Pilot Control, Electric Pilot Control, Remote Control.





# CR87 | CR89

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CR87 and CR89 are efficient and high-performance cranes, CR87 coming with one extension whereas CR89 coming with two. The booms are made 85% of high strength steel. Cranes have a robust and powerful die cast gear house and the oil drain cap makes maintenance easy. Standard equipment includes an electrically controlled valve on the side of the crane boom. The cranes standard equipment also includes a lift cylinder cover. Both CR87 and CR89 have the hosing for the double extension inside the extension. Rotator hoses are well protected at the boom.

You can choose TG23, BG21 or TG26 grapple for both crane models. The flanged model rotator enables providing protection to the grapple hoses. The grapple penetrates stacks efficiently and does not turn the final logs to a grid formation.

Valves: On/Off, Hydraulic Pilot Control, Electric Pilot Control, Remote Control.





# FORESTRY GRAPPLES

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## TG16

Compatible with CR37 and CR47, well designed and accurate timber grapple. Easy to handle firewood and logs.

## TG18

Compatible with CR47, CR67 and CR69, Well designed, fast and accurate timber grapple. Easy to handle firewood and logs. Well designed and accurate timber grapple. TG18 is good choice, if crane is used for chipper feeding.



## BG21

Compatible with CR67, CR69, CR87 and CR89. Handling of energy wood, branches and whole trees.

## TG23

Compatible with CR67, CR69 and CR87. Robust, strong and large opening. Suits well to handle energy wood piles and hay bales.



## TG26

Compatible with CR87 and CR89. Bigger option for these sizes of cranes. Robust, strong and large opening. Good with energy wood piles, logs and hay bales.



# ACCESSORIES AND OPTIONS

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## VALVE OPTIONS FOR CRANES



### **Mechanic control valve, sticks with 2 electric functions**

Simple, reliable control valve with mechanical levers. Grapple and extension with electric functions.



### **Hydraulic pilot control valve, sticks with 4 buttons**

Soft crane control with joysticks, you lift only joysticks to cabin. Control valve fixed straight into crane. Four electric functions - grapple, extension and support legs. Four pre-hydraulic functions - swing, lifting, folding and rotator.



### **Electric pilot control valve, mini joysticks**

Smooth and nice proportional crane control with mini joysticks. Mini joysticks fixed in cabin, there is only wire connector. Control valve fixed straight into crane.



### **Electric pilot control valve, remote control**

Smooth and nice proportional crane control with remote control. Control valve fixed straight into side of lifting boom.

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## SUPPORT LEGS FOR CRANES



### **Flap down legs**



### **A-Legs with 3-point linkage**

Easy to use. Does not need space from the side. Narrower structure between support legs. 3-point linkage as a standard. Only available for CR37 and CR47



### **Crane winch**

Gives 40m extra reach for your crane. Easy and convenient to use with remote control. Electronic wireless scale available.



### **Crane scale**

Wireless Crane Scale





# WOOD CHIPPERS

CH10 | CH18 | CH27 | CH38





# FARMI FOREST

## BASED ON EFFORTLESS USE, PRODUCTIVITY AND SAFETY

Our extensive wood chipper range includes models that meet the demands for both bioenergy and landscaping applications. FarMI chippers have been designed for the ease of use, productivity and, of course, safety in mind. The chippers are available as manual feeders and crane feeders. The smallest manually fed models are designed for producing landscaping chips and the crane-fed models for energy chips. The chippers will consume anything that you feed into the infeed chute. The CH10 and CH18 chippers are suitable for trimming branches, twigs and treetops. With enough rounds in the CH18 chipper, you can produce good quality fuel chips from trimmed tree limbs. The CH27 and CH38 size class of chippers are manufactured with 2-blade rotors. Thanks to the rotor structure and the additional blades in the chipper casing and at the mouth of the exhaust chute, the chips produced with the chippers are clean and of high quality.

Product:

CH = CHIPPER

→ **CH27** ←

Max wood  
diameter, cm

**DMR** = DIRECT MANUAL ROLLER

**ACR** = ANGLE CRANE ROLLER

**ACC** = ANGLE CRANE CONVEYOR

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# CH10

CH10 is a disc model wood chipper that is light but has a sturdy structure and is suitable for landscaping branches, tree crowns and small tree trunks. The maximum diameter for processed materials is 100 mm. Compared to a shredder, this wood chipper has a robust structure. The infeed chute is a drop-down chute to which it is also easy to feed short materials. The available disc models include a tractor-operated model.

## Technical details

## CH10

Application	Landscaping
Output, m <sup>3</sup> /h	1-3
Thickness of chip, mm	12
Max. log diameter, mm	100
Power demand, kW	7.5-30
Speed of rotation, rpm	540 / 1000
Number of knives, pc	2
Chipper weight, kg	193 / 210
Rotor diameter, mm	550
Rotor weight, kg	46
Three-point mounting	Standard
Discharge pipe turning	To two sides
Power source	Tractor
Feed	Manual

## OPTIONS AND ACCESSORIES FOR CH10

### Double speed

Belt transmission reaching recommended disc speed 1000 rpm when only 540 power take off available.

### Accessories

Pto shaft  
Spare knife set (2 pcs)





# CH18

CH18 is the all-around great chipper from Farmi Forest. It is extremely compact size but at the same time a powerful tool. The infeed chute has been equipped with a hydraulic vertical feed roller, which rotates on its own hydraulic engine. The feed roller makes it easy to bring branches to the blades. The wood chipper inlet is 18 cm x 22 cm.

You can also process trimmed trunks into high-quality energy wood chip. The recommended rotation speed for the wood chipper is 1,000 rpm at power take-off. This allows to achieve enough blowing power, wood chip with consistent quality, and better yield.

Consistent quality, manually fed. This is the end game for many users.

Technical details	CH18
Application	Landscaping
Output, m <sup>3</sup> /h	5-15
Thickness of chip, mm	12
Max. log diameter, mm	180
Power demand, kW	30-70
Speed of rotation, rpm	540 / 1000
Number of knives, pc	4
Chipper weight, kg	400
Rotor diameter, mm	670
Rotor weight, kg	54
Three-point mounting	Standard
Discharge pipe turning	Manual / 290 degrees
Power source	Tractor
Smart Feed electrics	Standard

## OPTIONS AND ACCESSORIES FOR CH18

### Double speed

Belt transmission reaching recommended disc speed 1000 rpm when only 540 power take off available.

### Disc Type

Double Disc

### Accessories

Pto shaft  
Spare knife set (4 pcs)



# CH27 DMR, ACR, ACC

The CH27 wood chipper has been designed for manufacturing clean energy chip with consistent quality out of solid wood, trimmed trunks, or slabs. Use this wood chipper to efficiently produce high-quality fuel for the heating installations at farms, machine sheds, companies as well as municipal facilities. The wood chipper is also a great fit for seasonal construction work or collaborative use.

The CH27 design involved refining the best features of our bestselling wood chipper series, CH260, to a new level. We have developed numerous technical and structural updates to further improve the productivity, safety and comfort for the use of the chippers.

Whichever chipping solution you choose, the Farmi three-stage chipping technology guarantees efficiency, high-quality and uniform wood chip production.



## OPTIONS AND ACCESSORIES FOR CH27

### Discharge Chute

Hydraulically adjustable chute rotation, chip spraying control and upper cover opening.

### Integrated hydraulic unit

Own hydraulic tank with pump. Different hydraulic oils won't get mixed. Ensures steady oil flow and guarantees stable chip size. Recommended also if crane and chipper in same tractor.

### Integrated hydraulic unit with cooler

Oil cooler recommended if chipper is in continuous use and weather conditions are warm.

### Support Legs

Support legs for crane/chipper, bolted to chipper 3-point frame.

### Cross breaker for slabs/trees with branches

Needed for slabs and whole trees with branches. Cuts efficiently long sticks before they come out from discharge chute.

### Remote Control

Wireless control for feeding rollers – no breakable cables.

Technical details	CH27 DMR	CH27 ACR	CH27 ACC
Application	Bio-energy	Bio-energy	Bio-energy
Output, m <sup>3</sup> /h	5-25	10-60	10-70
Thickness of chip, mm	5-25	5-25	5-25
Max. log diameter, mm	260	270	270
Power demand, kW	40-115	40-115	40-115
Speed of rotation, rpm	540 / 1000	540 / 1000	540 / 1000
Number of knives, pc	2	2	2
Chipper weight, kg	1150	1450	1500
Rotor diameter, mm	1036	1036	1036
Rotor weight, kg	240	240	240
Three-point mounting	Std	Std	Std
Discharge pipe reach, short / long, m	3 / 3,9	3 / 3,9	3 / 3,9
Twig breaker	Std	Std	Std
Smart Feed electrics / No Stress	Std	Std	Std
Power source	Tractor	Tractor	Tractor
Feed	Manual	Crane	Crane

# CH38

CH38 is a 4-blade disc chipper designed for efficient and professional manufacturing of wood chip for bioenergy with a large 380 x 420 mm infeed chute. The wood chipper can be adjusted to produce chips sized 10–30 mm. The optimal disc rotation speed is 800 rpm.

The machine's energy efficient LS hydraulic unit controls the infeed chute, rotation of the exhaust chute (4.1 m) and flap, as well as hydraulic easing of the upper roll. The LS hydraulics enable precise control of the speed of the infeed chute. For safety reasons, tractor hydraulics are used to control opening the upper casing and raising/lowering of the feed conveyor. The CH38 model also has a Smart Feed control system with a pressure reversal mechanism.

The steel feed conveyor makes it easy to process short sticks and chipping residue. The feed conveyor can be elevated during transportation using hydraulics and lowered back down once work continues. At maximum capacity, the wood chipper can achieve 100 m<sup>3</sup>/h hourly production.



## OPTIONS AND ACCESSORIES FOR CH38

### Cross breaker for slabs/trees with branches

Needed for slabs and whole trees with branches. Cuts efficiently long sticks before they come out from discharge chute.

### Remote Control

Wireless control for feeding rollers – no breakable cables.

### Integrated hydraulic unit with cooler

Oil cooler recommended if chipper is in continuous use and weather conditions are warm.

### Accessories

Spare knife set (4 pcs) Recommended to buy together with new chipper. Ensures continuous chipping, if always sharpened knife set in stock.

Technical details	CH38
Application	Bioenergy
Output, m <sup>3</sup> /h	30–100
Thickness of chip, mm	10–30
Max. log diameter, mm	380
Power demand, kW	125–205
Speed of rotation, rpm	540 / 1 000
Number of knives, pc	4
Chipper weight, kg	2450
Rotor diameter, mm	1460
Rotor weight, kg	600
Three-point mounting	Standard
Discharge pipe reach, short / long, m	Standard
Discharge pipe turning, degrees	300
Twig breaker	Standard
Smart Feed electrics / No Stress	Standard
Power source	Tractor
Feed	Crane



# WINCHES

 **FARMI  
FOREST**

**W35R**

**W35R | W50R**



# FARMI FOREST

## STURDY STRUCTURE, LONG SERVICE LIFE AND OUTSTANDING OPERABILITY

Farmi skidding winches have been developed with nearly 60 years of experience. The sturdy structure of the winches ensures a long service life and outstanding operability. Farmi's winches are characterised by their high cable capacity, smooth cable winding, compact structure and reliable operation, whatever the conditions. They are safe and high-performance machines that can be used in a variety of forestry applications.

We have developed accessories needed for skidding so that you can work smoothly whatever the conditions. This increases your work productivity and gives your tractor the best possible performance. Our winch range includes the right product for the skidding of untrimmed solid wood, trimmed solid wood as well as logs.

Product:

W = Winch

→ **W35R** ←  
↑

Pulling force, kN

R = ratchet brake

B = band brake

F = front winch

C = crane winch,  
attached to crane's  
lifting boom





# W35R

A reliable basic winch model for recreational use. The W35R is a handy winch for tractors starting from 15 hp. These winches are suitable for the skidding of both logs and tree trunks. Standard equipment for these winches include upper pulley, dozer blade and a notched beam. Skidding tongs and chains are available as accessories.

Technical details	W35R
Line pull, t	3.5
Cable capacity Ø mm / max., m	10 / 65
Weight without the cable, kg	170
Required power, min. hp	15
Lower guide pulley	Standard
Three-point mounting	CAT I / II
Power transmission	Tractor

## ACCESSORIES FOR W35R

### TP 14 self releasing snatch block

Helps to get winch cable behind the corner or trees/rocks.

### PTO Shaft

Standard pto to operate winch

### Skidding Chain

Possible to pull 2-3 logs at same time. fixing logs into winch frame and skidding out of forest.

### Remote Control

Wireless control – no breakable cables.

# W50R

A robust and reliable winch for highly demanding recreational use. The W50R is a handy winch for tractors starting from 35 hp. W50R's structure is one step sturdier than W35R. The standard equipment for the winch includes upper pulley, well-shaped dozer blade, a notched beam and an adjustable lower pulley. Skidding tongs and chains are available as accessories.

Technical details	W50R
Line pull, t	5
Cable capacity Ø mm / max., m	11 / 55
Weight without the cable, kg	250
Required power, min. hp	35
Lower guide pulley	Standard
Three-point mounting	CAT II
Power transmission	Tractor



## ACCESSORIES FOR W50R

### TP 14 self releasing snatch block

Helps to get winch cable behind the corner or trees/rocks.

### PTO Shaft

Standard pto to operate winch

### Skidding Chain

Possible to pull 2-3 logs at same time. fixing logs into winch frame and skidding out of forest.

### Remote Control

Wireless control – no breakable cables.



# W30F

The W30F is a handy and small hydraulic 3-tonne winch which can be attached to the nose of a tractor or some other heavy machinery equipped with hydraulics. Our W30F winches can be used for winching tree trunks as well as in other utility work in the agricultural and forestry sector.

Technical details	W30F
Line pull, t	3
Cable capacity Ø mm / max., m	8 / 50
Weight without the cable, kg	140
Recommended pump capacity, l / min	40-60
Max. working pressure, bar	160
Lower guide pulley	Standard
Permanent mounting	On the front of the tractor
Power transmission	Hydraulic motor



## ACCESSORIES FOR W30F

### TP 14 self releasing snatch block

Helps to get winch cable behind the corner or trees/rocks.

### PTO Shaft

Standard pto to operate winch

### Skidding Chain

Possible to pull 2-3 logs at same time. fixing logs into winch frame and skidding out of forest.

### Remote Control

Wireless control – no breakable cables.

# W14C



The W14C is a hydraulic winch attached to a crane boom. Thanks to its' hydraulic mechanism, the winch is extremely fast. Because of the radio control used for operating the winch, winching can be smoothly carried out by one person. The radio control can be used at 50-metre distance.

Technical details	W14C
Line pull, t	1,4
Cable capacity Ø mm / max., m	6 / 40
Drawing in speed, m/s	0,45
Weight, kg	45
Required power, min. hp	30
Remote control	Standard
Guide pulley	Standard





A dense forest of evergreen trees, likely spruce or fir, fills the frame. The trees are dark green and tightly packed. In the upper portion of the image, a thick mist or fog hangs between the tree canopies, creating a layered and atmospheric effect. The lighting is soft and diffused, typical of a misty day. The overall mood is serene and natural.

# PIONEER IN SMART FORESTRY



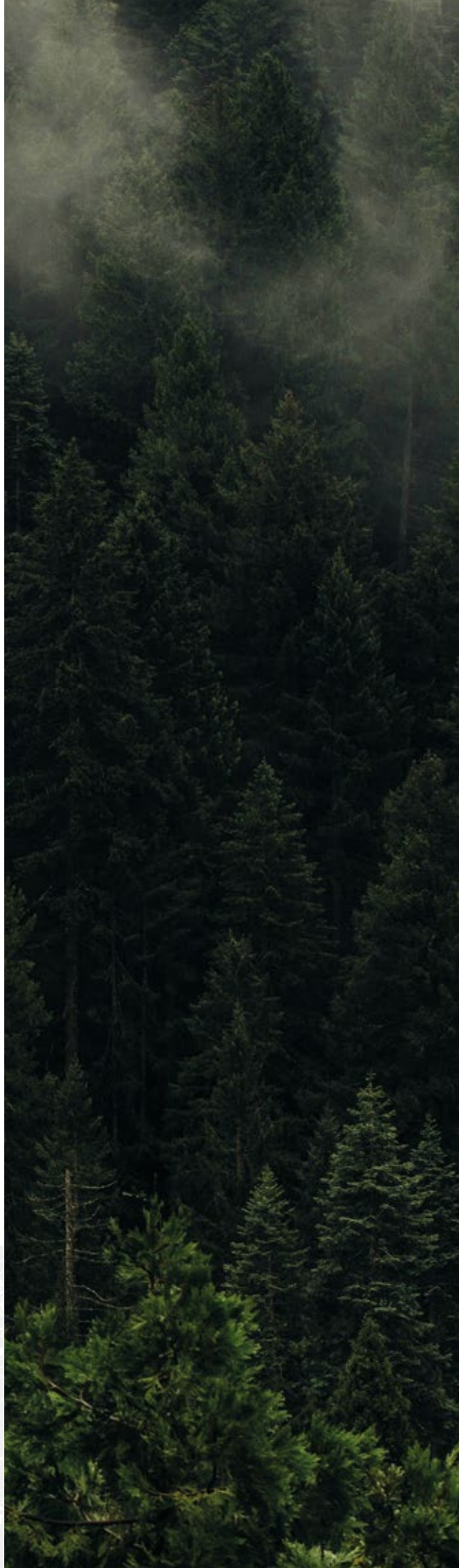
# FARMI FOREST

Farmi Forest provides high-quality products refined to completion that serve users from one generation to the next. Instead of supporting a throwaway culture, we want to encourage people to make sustainable choices. Farmi products ensure a safe working method respectful of forests. The end-result is clean and of high quality. Our products have been designed as ergonomic and easy to use, and they can also withstand the demanding conditions of the north.

Our product development starts with our customers' needs. We are interested in what our customers value and want to hear what they have to say. Collaboration produces the best solutions.

On behalf of Farmi team

**ILKKA KUURAMAA**







— SINCE 1962 —

# FIRMI FOREST

PIONEER IN SMART FORESTRY

