

Model overview

JÄRANHÄSTEN classic



The Classic version, well known for both the huntsman and the forestry worker. The machine comes with standard tracks and can easily be equipped with different accessories which makes it an excellent partner in the forest.

JÄRANHÄSTEN flex



A development OF the Ironhorse with heavy duty tracks and movable accessory bracket for better manoeuvrability when having a trailer connected. The bracket is also used together with the timber grapple, tipper body etc. Hydraulic system as standard but can also be delivered without. The Ironhorse Flex would be the forestry worker and the arborist first choice.

JÄRANHÄSTEN essence



The top model in the range. A radio controlled and hydrostatic machine with powerful hydraulic suitable for different applications. The platform is movable during drive for the best centre of gravity enabling the best performance driving off-road or with various loads. Great opportunities for lots of accessories with all-around attachment. A machine for contractors but also suitable for Fire & Rescue, Arborists and Geotechnical engineers.

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Classic Forest

Machine is equipped either with Honda 9 or 13 Hp. Also up-raised steering handle with transport position. Top speed 7 km/h and 6,1 l fuel tank. Equipped as standard are double boggie, variator, forward/reverse gear, brake, diff lock, skidbar, anchor block, manual winch 10 meter wire, chain-saw bracket, toolbox and furthermore equipped with felling bunk, loading guard and Power winch 20 meter wire with pull force of 7000/10 000 N.

Models

Part.no 968 7446-02-1 IH2090 PW Classic
Weight 450 Kg

Part.no 968 7448-02-1 IH2013 PW Classic
Weight 460 Kg



Flex Forest

Machine is equipped either with Honda 9 or 13 Hp. Also up-raised steering handle with transport position. Top speed 7 km/h and 6,1 l fuel tank. Equipped as standard are double boggie, variator, forward/reverse gear, brake, diff lock, skidbar, anchor block, manual winch 10 meter wire, chainsaw bracket and furthermore equipped with felling bunk, loading guard and Power winch 20 meter wire with pull force of 7000/10 000 N and **Heavy Duty Tracks**. *Mechanical adjustment accessories platform(I) or Hydraulic adjusted + double valve incl. Hydraulic kit (HI).*

Models

Part.no. 968 7460-21 IH2090 PW Flex I
Heavy Duty Tracks
Weight 450 Kg

Part.no. 968 7460-23 IH2090 PW Flex HI
Heavy Duty Tracks and Hydraulic
Weight 480 Kg



***All above machines can be equipped with 13 Hp**

TIMBERTRAILER T1650 K30-40



NOTE! The trailer in the picture is extra-equipped with bigger wheels

Timbertrailer T1650 K30-40.

Part.no. 531 0144-92

A well know brand with high quality. You can change the length of the trailer by 60 cm, from 168cm to 228cm between the loading banks.

Loading capacity	1650 Kg
Reachable	3,4m
Lifiting capacity 3,0m	220 Kg
Lifting capacity 1,2m	450 Kg
Grip Rotator	Turning 360 degrees
Oil pressure	140 bar
Supportleg	Hydraulic
Valve levers	7 levers
Loading guard	Yes
Wheels	22x11-8" 6 layers
Weight	448 Kg
Length	3820 mm – 4420 mm

Kit Timbertrailer Part.no. 531 0143-79

Tow Ball & Lever attachment



Bigger Wheels

Part.no. 531 0144-93

Upgrade the trailer with bigger wheels.
3/65-12" 8- layers with reinforced tread



NOTE! The trailer in the picture is extra-equipped with 30-50 crane and hydraulic winch



The IronHorse IH2013PW with Timber trailer T1710 4WD and crane 30-40. Part.no. 968 7460-50

The Flex HI Forest is equipped with a Honda 13Hp engine with charging coil and 12v battery, electrical start. Equipped as standard with double boggie, forward/reverse gear, brake, diff lock, skidbar, anchor block, manual winch 10 metre wire, chainsaw bracket and furthermore equipped with felling bunk, loading guard and integrated Power winch with 20 meter wire and a pull force of 10 000 N and Heavy Duty Tracks.

A Integrated Hydraulic kit powers a Hydraulically adjustable accessories platform as well as the crane and drive on the trailer.

Timbertrailer T1710 4WD is a powerful, driven trailer with a Kranman 30-40 crane. The trailer is built with a centre beam construction. You can change the length of the trailer by 60 cm, from 168cm to 228cm between the loading banks. The cylinders and hoses to the drive rolls are well protected on the boggie. Loading capacity 1700kg

The drive rolls on the trailer in engaged by switches on the steering handle which also includes automatic brake valves, ensuring a safe handling in steep terrain.

Loading capacity	1700 Kg
Reachable	3.4 m
Lifting capacity 3,0m	220 Kg
Lifting capacity 1,2m	450 Kg
Grip Rotator	Turning 360 degrees
Oil pressure	140 bar
Supportleg	Hydraulic
Valve levers	7 levers
Loading guard	Yes
Wheels	22x11-8" 6 layers
Total weight	1270 Kg
Length	4700 mm – 5600 mm

JÄRANHÄSTEN

essence

News!

Järnhästen Essence – Our version of the Swiss army knife!

We are pleased to present our latest member in the Ironhorse family – Essence! The Ironhorse has from the very beginning been used in a large number of applications, but with the new platform the Essence we take it one step further. With the Ironhorse Essence as a base model and with a wide range of accessories the user can then perform a variety of tasks in a fast and efficient way.

- Remote controlled by radio and with hydrostatic drive.
- High hydraulic capacity.
- A mobile tool carrier with movable center of gravity which will give you excellent terrain characteristics.
- A wide range of accessories for different segments of use and a possibility to adapt special made equipment.



TEKNISK DATA:

Engine:	Honda iGX800, 25 hp (18,6kW)
Transmission:	Hydraulisk, variabel (hydrostat)
Tracks:	Internal drive with larger contact area.
Hydraulic:	14,4 cm ³ , 45 l/min, and 180 Bar
Weight:	700 kg
Payload:	1000 kg
Traction:	1100 kp
Steering:	Remote by radio
Over all dimension:	194 x 114 x 117 cm (L x W x H)
LED-work lights	
Rotating warning light	

Part.no. 968 7465-01 Järnhästen Essence 25 Hp



THE ACCESSORIES MAKES THE CONCEPT COMPLETE!

Depending on your need, the Ironhorse Essence offers you a great deal of opportunities. Make your choice from the product range of Lennartsfors AB or by any other manufacturer in the industry.

Here follows some examples:



Snow plough



Hammer shredder



Earth drill



Different platforms



Timber grapple



Pallet forks

JÄRANHÄSTEN

essence

Options



Hydraulic R/C Winch

Part.no. 531 0146-22

Weight:	30 Kg
Line speed:	30 m/min
Pressure:	190 Bar
Max line pull:	500 Kg
Cable:	25m, 6 mm
R/C	2 channel
Range R/C	Approx 50 m



Hydraulic hitch

Part.no. 531 0146-69

Equipped with Avant/MultiOne quick release bracket, float position and third function as standard

Weight:	25 Kg
Max lifting capacity:	500 Kg



Arborist timber grapple for hydraulic hitch Art. Nr. 531 0147-45

Weight:	115 Kg
Max lifting capacity:	500 Kg



R/C Hydraulic winch for T1710

Part.no. 531 0170-00

RC Hydraulic winch HV500 is a reliable and proven construction. The winch kit is complete with also radio controlled box, wire, hock, hoses, and electrical controlled hydraulic valve.

Weight	11 Kg
Speed	30 m/min
Oil pressure	190 bar
Maximum pull strength	500 Kg
Rec. Oil flow	10-15 l/min
R/C	2 channels
Cable	25m, 5 mm
Range R/C	Ca 50 m



2 Levers valve kit

Part.no. 531 0170-32

Valve kit consist of 2 levers for all movement except support legs and grip that has separately levers.



Crane 30 - 50

Part. No. 531 0145-12

Reachable	3.5 m
Lifting capacity 3,0m	240 Kg
Lifting capacity 1,2m	500 Kg



Work lights. LED 2 pcs 15W

Part.no. 531 0145-13

ACCESSORIES



Timber Cart Combi

Part.no. 531 0198-47

The trailer is suspended pivotally on the IronHorse and is extensible. All stakes are collapsible and boggie. Can also be equipped with Platform (5310135-40).

Width totally:	1210 mm
Width between the Felling bunk:	785 mm
Extension of trailer min/max:	1,8–3,8 m
Weight:	155 Kg
Wheel:	16 x 6,5–8"
Loading capacity:	1000 Kg



Platform for the Timber Cart

Part.no. 531 0135-40

The platform is delivered complete with fastening brackets. Sides and tailgate are foldable. The platform is made for the Timber Cart Combi (531 01 98-47)

Lenght:	200 cm
Height (side and tailgate):	30 cm
Widht:	120 cm
Weight:	120 Kg
Loading capacity:	600 Kg

News!



Self-relieving Timber Cart

Art. Nr. 501 4002-00

Unique terrain-characteristics. Easy to disassemble during transport. The Cart can be extended or shortened. Standing position when empty.

Lenght:	119 cm – 267 cm
Width between the Felling bunk:	92,5 cm
Width totally:	140 cm
Weight:	140 Kg
Loading capacity:	800 Kg



Platform Classic Platform Flex

Part.no. 501 3984-02

Part.no. 501 3984-02-2

The platform is easily mounted on the IronHorse. With the large tailgate lowered it is easy to load heavy materials from the ground with the help of the winch.

Length:	1180 mm
Widht:	1020 mm
Height tailgate:	500 mm
Height sides:	290 mm
Weight:	72 Kg
Loading capacity:	500 Kg

ACCESSORIES



Platform Cart
Jointed platform Cart

Part.no. 531 0196-70
Part.no. 531 0196-70-1

The Platform Cart is suspended pivotally on the Iron Horse and the wheels are adjustable. When the wheels are in the low position it is ideally suited for rear loading with or without winch. The front side/ side board are fixed.

Length without wheels:	2150 mm
Width:	900 mm
Weight:	88 Kg
Length total:	2150 mm
Length w/o wheels	1730 mm
Wheel:	4,00-8"
Loading capacity	700 Kg



Tipper body Classic
Tipper body Flex HI

Part.no. 531 0135-31
Part.no. 531 0142-64

The tipper platform is delivered complete with fastening brackets, could be used either manual, winch or hydraulic. Sides and tailgate are removable. With the sides and tailgate removed, the platform is completely clean with no stakes in the corners. The front gate is not removable.

Length:	1080 mm
Width:	1070 mm
Height:	460 mm
Height sides:	290 mm
Weight:	60 Kg
Loading capacity	800 Kg



Platform for forest plants

Part.no. 531 0144-54

Length:	1197 mm
Width:	1080 mm
Height:	750 mm
Weight:	75 Kg



Snatch block

Part No. 531 0196-08

The **snatch block** is open with a swivel hook. Extremely useful in combination with the power winch, both for changing direction of pull and for winching the IronHorse forward.



Loading Plate Classic

Part No. 531 0135-15

Loading Plate Flex I-model

Part No. 531 0144-08

Kit consisting of mounting brackets and plate. This kit makes it easy to load logs using the winch as the logs slides onto the machine. Foldable in a way that it can be in horizontal position when going without any load on the machine. The loading plate is also a support to the ground and work as a brake, so the machine doesn't move backwards. The loading plate is easy to mount on existing machine.

Dimension: 420 x 935 mm

Weight: 25 kg



Loading Plate Flex HI--model

Part No. 531 0142-87

Consisting of mounting brackets and plate easy to attache onto the fel-lingbunk. This kit makes it easy to load logs using the winch as the logs slides onto the machine. Foldable in a way that it can be in horizontal position when going without any load on the machine. The perfect combination together with the Hydraulic kit easily using the piston sliding on the logs.

Dimension:

780 x 740 mm

Weight:

21 Kg



Hydraulic Crane Classic

Part No. 531 0135-80

The Hydraulic Crane can be mounted on the IronHorse. The design with its good centre of gravity makes it possible to maintain the same good stability on the IronHorse. The Telescopic Crane is build up in a module system and is very easy to assemble on the IronHorse with 9 or 13 hp engine..

Reach:	550-2150 mm
Length of stroke:	0-1600 mm (2X800 mm)
Pressure of stroke (Push)	1120 Kg
Lifting capacity:	220 – 700 Kg
Max Rotation:	700 Kg
Pulling force:	360°
Hydraulic Pressure:	690 Kg
Weight:	140 bar
	370 kg



Loading crane

Part No. 501 3999-01

The loader can be fitted to each Ironhorse with power winch. The loader is complete with bracket to the power winch, adjustable loading arm, chains and roller.

Length loading arm (min/max):	850-1150 mm
Weight:	50 Kg



Skidding Cart

Part.no. 531 0198-35

Perfect tool to attach behind The Ironhorse without leaving a scratch on the ground. Easy way to transport out the logs. Need Power winch to operate the skidder.

Weightt:	38 Kg
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ACCESSORIES



Tracks for the Classic model

Part.no. 531 0000-01

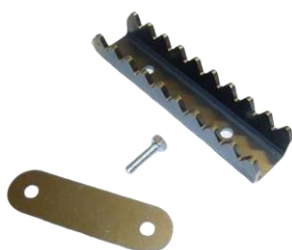
Kevlar armed driving tracks, made of natural rubber and epoxy pin, casted into the rubber. The tracks have a very good tearing strength and hard-wearing. The tracks are specially made for the IronHorse



Heavy Duty tracks for the Flex model

Part.no. 531 0141-40

The brand new track on the Flex Iron Horse is significantly longer life-span and provides considerably better traction on ground and snow surface



Spikes for the Classic tracks

Part.no. 531 0135-17

Mounting kit for the Driving tracks include 24 pieces for 2 Driving tracks, 12 spikes in each track. All are included in the kit, with screws, nuts and washers. The spikes have a toothed surface, as give a good grip in slippery and hard ground.

1 Spike, as spare, Part no. 531 01 41-84



Power winch IH 9 Hk & 13 Hk Power winch IH 9 Hk & 13 Hk*

**Part.no. 501 3998-05
Part.no. 531 0139-49**

The Power winch to the IronHorse includes a complete kit with 20 m. wire, corner block, pulley, belt, bar and cover for the transmission.

***For machines with intermediate drive shaft**

Pulling force
Cable
Weight

700-1000 kp
20m, 6mm
70kg



Load Guard incl. left-/right bar

Part No. 531 0135-54-1

Machine with intermediate drive shaft

Part No. 531 0135-54

Roller for Load Guard

Part No. 501 4009-01

ACCESSORIES



Hand winch Heavy Duty Incl. bracket

Partno. 531 0144-12

The Hand winch, included 20m 5mm wire, hook and bracket. 500 kg pulling force.



Timber Grapple

Part.no. 531 0143-20

The grapple fits The Ironhorse Flex with hydraulic kit. The Grapple makes it quicker and easier to move bigger logs or brushes.

Includes grip, piston, bar and attachment for Flex HI



Storage cover.

Part.no. 501 3979-02

Tailor made storage cover to protect the engine, steering lever and power winch when storing the IronHorse outside.



Detachable Working Light LED 20W Incl. bracket

Part.no. 531 0148-52

Detachable, reloading LED-light incl. attachment for The Iron-Horse. Use as working light, when driving in the terrain or place it in a suitable place when working in the forest.

High quality working light in aluminum, that runs by reloading battery. The Ball light can be adjusted in 2 stages 1000 lumen or 2000 lumen. When using option 2000 lumen it will operate for 3 hours and at 1000 lumen for approximately 7 hours.



Hydraulic kit 5,0 cm3 Classic and Flex H

Part.no. 531 0137-03

With this Hydraulic kit you can use a wide variety of equipment and tools together with your IronHorse.
The Hydraulic kit can only be assembled on the 9 & 13 Hp version of the IronHorse.

Flow:
Pressure:

18 l/min.
140 bar



Loading bracket

Part.no. 531 0140-67

Bracket that makes it easier to load the wild animal onto the platform.
The head of the animal will be placed further up towards the engine and by this gives a better balance while driving in the terrain.



Engine Cover

Part.no. 531 0140-68

The cover protects engine and exhaust system from external obstacles and dirt.(Only 9 Hp models)



Frame for EUR-pallet Classic Frame for EUR-pallet Flex

Part.no. 531 0141-33

Part.no. 531 0143-35

Smart accessories for loading a EUR pallet on the Iron Horse.
Adapted for loading and unloading with pallet forks.
The pallet is completely level despite the Iron Horse chassis leans back slightly.



Felling bunk with tow ball Classic, Flex och Essence

Part.no. 531 0135-24

The Felling bunk have folding bars as are possible to lock in two positions, as make it easy to load and unload big logs. The Felling bunk have ring on each side to fasten the strap and a felling function to unload the log.

Loading gap:	800 mm
Loading height:	300 mm
Loading capacity:	1000 Kg



Extension bar 1 pcs (red) Extension bar 1 pcs (black)

**Part.no. 501 3994-01
Part.no. 501 3994-01-B**

The extension bar can be used to extend the Felling bunk and increase the loading capacity. It can also be used to facilitate the loading both manual and with the winch. The extension bars have also attachment lug to attach the snatch block as can be used for winching

Length (mounted in the bar)	300 mm
Total length:	370 mm



SERVICE KIT

SERVICE KIT for your Ironhorse

Part.no. 531 0144-30 (2017– 2018), part.no. 531 0144-30-1 from 2019 -
IH2090PW/IH2013PW Variator/drive belt, winch belt, spark plug, throttle and brake wire

Service kit IH2090/IH2013 without Power winch (winch belt excluded)

Part.no. 531 0144-31 (2017 – 2018), part.no. 531 0144-31-1 from 2019 -



Technical Data for IH

Width:	1080 mm
Height:	1120 mm Steering handle, transport position
Length:	1780 mm
Weight	350 – 485 Kg
Max. load	1,0 ton
Hauling capacity	700/900 kp 9,0/13,0 hp
Max. speed	7 km/h
Ground pressure	0,15 kg/cm ³ at 500 kg load
Fuel tank	5,3 (GX270) 6,1 L (GX390)
Fuel consumption	2,4 l/h (GX270) / 3,5 l/h (GX390) at 3 600 rpm
Engine	Honda Four-stroke

