FROM SAPLING TO LUMBER

Jonsered is one of the world’s most respected suppliers of machines for small-scale forestry and property maintenance. Jonsered also offers one of the most extensive ranges of these products on the market; trimmers, brushcutters, clearing saws, portable sawmills and the Iron Horse.

Our chain saws are designed to excel in all aspects of cutting timber, incorporating the very latest technology. All of our gas-powered saws also feature our unique Turbo air intake system.

For timber stand management, we offer a wide range of brushcutters and forestry clearing saws. For harvesting, a complete line of high-performance Turbo saws.

The amazing Iron Horse lets you easily transport timber in any terrain and our portable one-man sawmills let you turn logs into lumber anywhere you choose. From sapling to finished lumber, only Jonsered offers all the tools you need to manage your own forest!

<table>
<thead>
<tr>
<th>Model</th>
<th>Width</th>
<th>Length</th>
<th>Weight</th>
<th>Engine</th>
<th>Load capacity</th>
<th>Ground pressure*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>42.5 inch</td>
<td>110 inch</td>
<td>727.5 lbs</td>
<td>5.5 hp Honda</td>
<td>35.1–42 cu.ft.</td>
<td>2.13 psi</td>
</tr>
<tr>
<td></td>
<td>108 cm</td>
<td>280 cm</td>
<td>130 kg</td>
<td>1–1.2 m²</td>
<td>0.15 kg/cm²</td>
<td></td>
</tr>
<tr>
<td>Pro</td>
<td>42.5 inch</td>
<td>110 inch</td>
<td>848.7 lbs</td>
<td>5.5-9 hp Honda</td>
<td>35.1–42 cu.ft.</td>
<td>2.27 psi</td>
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<tr>
<td></td>
<td>108 cm</td>
<td>280 cm</td>
<td>385 kg</td>
<td>1–1.2 m²</td>
<td>0.16 kg/cm²</td>
<td></td>
</tr>
</tbody>
</table>

* Ground pressure with 100 kg / 1102.30 lbs load

Jonsered is certified in accordance with quality system SS-EN ISO 9001:1997.
HORSEPOWER THEN AND NOW

The horse was an invaluable help to woodsmen in the olden days, above all for moving timber. But work in the forest was both hard and time-consuming, and by the end of each day both the woodcutters and their horses were usually exhausted. Nowadays, modern machines have taken over in the woods, but many of them are large, heavy and leave all too clearly the marks of their presence, both on the trees and the ground. In the Iron Horse we have combined mechanical power, durability and versatility with much of the agility and respect for the environment offered by a “real” horse.

The Iron Horse is a complete system for forestry, horticulture and a wide variety of off-road transport tasks. Agility, strength and low ground pressure make it a more environmentally-friendly alternative to heavier machines. Its wide tracks disperse weight, making it extremely gentle on the land and vegetation. It exerts less pressure on the ground, even when fully loaded, than the feet of its operator, and it can follow the operator virtually anywhere.

No strip roads are needed when using the Iron Horse in the forest, simply because it is so small and nimble. The Iron Horse is handy, easy to start and simple to use.

However, the Iron Horse is not just an excellent machine for forestry and farming; with the addition of a cart or platform the transport of plants, equipment, gravel, concrete or large animals becomes easy and convenient. The Swedish National Road Administration, Swedish State Railways, Swedish Telecom (Telia), the Swedish Defence Forces, municipalities and private companies managing electrical distribution and geotechnology all find their work made easier by the Iron Horse.

Every Iron Horse model is easy to transport. It will fit in a standard pickup truck and almost any sort of trailer connected to a towing hitch can be used to move the Iron Horse and its accessories to and from the work site.
The powerful engine with torque converter drive provides the Iron Horse with superb pulling power, even in hilly terrain and at low speeds.

**THE IRON HORSE STANDARD**

The Iron Horse Standard is ideal for transporting heavy materials in remote and hard to access areas. The standard model has a differential lock, counterweight and fold-back steering arm to make transport easier. It is equipped with a 5.5 hp engine.

**THE IRON HORSE PRO**

The Pro model has the same basic design as the Iron Horse Standard, but in addition has load protection for safer transport, and a hand-operated winch to facilitate loading. It also has protective bars installed around the engine, chain saw holder and tool box. The Pro model is available with either a 5.5 hp or 9 hp engine.

The Iron Horse Pro may also be equipped with a motorized winch with a pulling force of up to 1000 kg/2200 lb, which is an extremely valuable loading and transporting aid.

The rugged bogie wheel design and wide rubber tracks make the machine agile and easily maneuvered. Both the Standard and Pro models can be equipped with composite double-wheel bogies on sealed ball bearing axles.

**DISCOVER THE ADVANTAGES OF THE IRON HORSE SYSTEM**

**THE IRON HORSE SYSTEMENSURES BIOLOGICALLY CORRECT THINNING**

Thanks to the size and agility of the Iron Horse it's not necessary to build strip roads in the forest, nor cause damage to the trees that are left standing.

The Iron Horse’s maneuverability permits slash (tree-tops and branches) to be distributed evenly, which counteracts acidification and feeds the forest in a natural way.

**THE IRON HORSE SYSTEM OFFERS GOOD WORKING CONDITIONS**

An Iron Horse equipped with a power winch allows a single operator to fell and transport timber efficiently, with minimal strain and minimal impact on the surrounding forest.

**THE IRON HORSE SYSTEM MAKES FELLING MORE PROFITABLE**

Compared to other forestry machinery the Iron Horse has low investment and operating costs. Being able to combine felling and hauling increases productivity.

**WORK TECHNIQUE FOR FIRST-CYCLE (SMALL DIAMETER) THINNING.**

1. Begin by deciding where the timber is to be stacked, and then start work at the far end of the stand, working towards the stack.

2. Position the machine at the side of the small tree that is to be felled and fell it on to the load or onto the work roller.

3. Limb the tree while it is lying at a comfortable working height. Cut off the top.

4. Rest the tree on the front roller.

5. Cross cut just inside the rear roller. Pull the trunk forward and cross cut again. Repeat until you have a full load and then drive over to the stack.
ACCESSORIES

With our optional accessories you can tailor the Iron Horse to suit your needs. The versatility of the Iron Horse is limited only by your imagination.

SELF-UNLOADING TIMBER CART
This self-unloading bogie cart has excellent terrain characteristics. The box beam construction and wide independent bogie wheels give it good carrying ability and prevent deep ruts in the ground. Load capacity: 1000 kg/2200 lb.

COMBI CART
The combination cart is a practical and versatile accessory for all kinds of transport. Loading is easy thanks to the fact that the wheels can be raised and lowered. During transport the load is distributed to ensure smooth travel. Load capacity: 1000 kg/2200 lb.

TIMBER CART
Bogie trailer with a telescopic drawbar that allows the cart to be lengthened. This model can also be equipped with skis for winter use. Load capacity: 1000 kg/2200 lb.

COMBI PLATFORM
This combination platform has a drop-down tailgate for easy loading and discharge of heavy materials. Maximum load: approx. 500 kg/1100 lb.

TIPPER PLATFORM
The platform has removable side boards and it can be tipped with a power winch. Maximum load: approx. 500 kg/1100 lb.

LOG SULKY
This useful accessory makes it easy to lift logs to avoid leaving drag ruts in soft ground.

LOADER
The loader crane combined with a motorized winch is a really useful aid to loading logs. The chain adjustment and telescopic tubing permits the length and height of the loader boom to be adjusted.

HYDRAULIC KIT
The Iron Horse can be equipped with external hydraulics. The flow rate varies from 1.6 to 5 gpm at 130 bar/1900 psi, depending on the type of engine and hydraulic pump used.

PIVOTING SNATCH BLOCK
This open snatch block has a swivel hook and is extremely useful in combination with a motorized winch.