

# JAKE



## JAKE PRODUCTS

|  |   |  |   |
|--|---|--|---|
| A red 3-point fastening system for wheel tractors.                         | <b>JAKE 350, JAKE 350 HD</b><br>For mounting 3-point fastening cranes on wheel tractors (HD if gross lifting moment +45 kNm).                                 | A red flange fastening system for wheel tractors.                        | <b>JAKE 600</b><br>For mounting flange fastening cranes on wheel tractors, max. gross lifting moment 60 kNm, max. outreach 7,5 meters.                          |
| A red flange fastening and loading system for wheel tractors.              | <b>JAKE 800, JAKE 800 HD</b><br>For mounting flange fastening and loading cranes (HD) on wheel tractors. A crane size is not limited.                         | A red flange fastening system for harvester use.                         | <b>JAKE 800 Tilt</b><br>For mounting flange fastening cranes on wheel tractors, especially for harvester use. A crane size is not limited.                      |
| A red 3-point fastening system for excavators on wheel tractors.           | <b>JAKE 350 DG</b><br>For mounting excavators with 3-point fastenings (or same kinds of) on wheel tractors.   | A red front linkage system for wheel tractors.                           | <b>JAKE Front Linkage</b><br>For mounting attachments, such as ploughs and blades, to the front of wheel tractors.  |
| A red protective armour plate for the base of a wheel tractor.             | <b>JAKE Armour</b><br>For protecting the basis of the wheel tractor in forest use.  | A close-up of a wheel with a red weight attached.                        | <b>JAKE Wheel Weights</b><br>For balancing the nose of the tractor by increasing the weight of the front wheels.  |
| A red stabilizing leg system for the tractor-crane combination.            | <b>JAKE Tele Legs</b><br>For improving the stability of the tractor-crane combination (JAKE 600, JAKE 800, JAKE 800 Tilt).                                    | A red stabilizing leg system for the tractor-crane combination.          | <b>JAKE STD, JAKE HD Legs</b><br>For improving the stability of the tractor-crane combination (JAKE 600, JAKE 800, JAKE 800 Tilt).                              |
| A blue 3D model of an armoured fuel tank.                                  | <b>JAKE Forest Tank</b><br>Armoured fuel tank for replacing an original plastic fuel tank, includes an integrated armour plate.                               | A photograph of a black hydraulic oil tank.                              | <b>JAKE Oil Tank</b><br>For hydraulic oil, capacity 110 litres (JAKE 600, JAKE 800)   |
| A photograph of a tractor with a crane boom supported by a red stabilizer. | <b>JAKE Boom Support</b><br>Reliable support for the boom of the crane for stabilizing road driving and giving more traction to the front wheels in a forest. | A close-up of a red stabilizer device attached to a tractor's rear axle. | <b>JAKE Axle Stabilizer</b><br>Improves the stability of the tractor by locking the axle oscillation. Available also for tractors with a front axle suspension. |
| A photograph of a blue tractor equipped with a JAKE D114 digger.           | <b>JAKE D114 Digger</b><br>The digger for modern tractors. Operated by two electric joysticks, uses tractor hydraulics or an additional PTO pump.             | A photograph of a blue tractor equipped with a JAKE D107 digger.         | <b>JAKE D107 Digger</b><br>A farm digger with independent hydraulics and telescopic dig boom. Also with a wood grapple and energywood equipment.                |

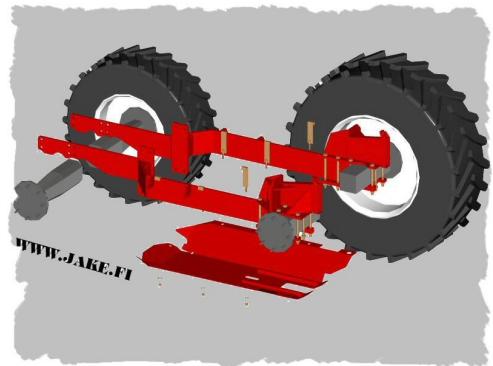
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# JAKE Armour plate

**JAKE** Armour Plates have been designed to protect the bottom of the tractor against different damage during forest work. In the presence of the plastic fuel tank, the battery box and the compressed air set, the **JAKE** Armour Plates provide reliable protection for all of them. To complete the protection we offer the **JAKE** Engine Armour. The **JAKE** Armours improve runnability and maneuverability of the tractor in the forest, turns the tractor bottom into a flat, smooth surface. For little service works, such as changing oil filters, there are some shutters in the armour. The all **JAKE** Armour Plates are always fastened to the aid frame of the **JAKE** Mounting Kit. So if the tractor is not equipped with the **JAKE** Mounting Kit, the **JAKE** Armour Plate must be ordered together with the aid frame.



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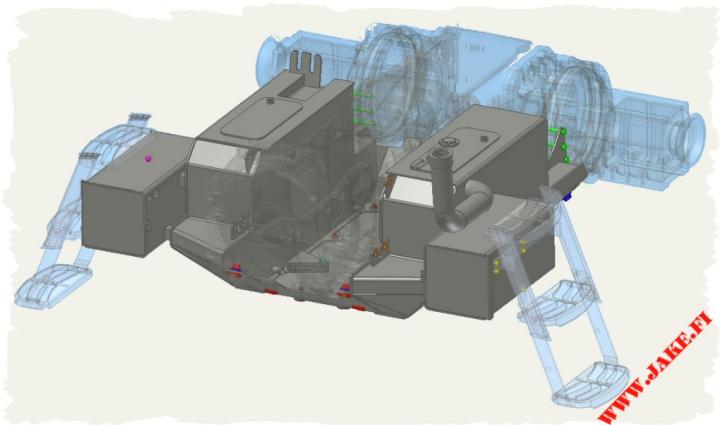
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## JAKE Forest Tank + Armour

The **JAKE Forest Tank + Armour** turns a tractor into a real professional forest machine giving the best possible clearance and bottom shape. The **JAKE Forest Tank + Armour** is available for all Valtra N-series tractors. The **JAKE Forest Tank + Armour** has been designed to be mounted instead of an original plastic or steel fuel tank of Valtra. The **JAKE Forest Tank** consists of one or two armoured tanks, the armour for possible AdBlue tank, the armour set for the right side, the armour set for the bottom, armoured tool and battery boxes. The tool and battery boxes are lockable. The **JAKE Forest Tank** does not demand the presence of the aid frame of the **JAKE Mounting Kit**, unlike other **JAKE Armours**, but naturally all **JAKE Mounting Kits**, **JAKE Front Linkages**, etc. are compatible with the **JAKE Forest Tank**. The Valtra's original fuel meter shows correct volume of litres in the **JAKE Forest Tank** too. Besides, the **JAKE Forest Tank** delivery includes new ladders designed especially for forest use. The **JAKE Forest Tank** is available for the tractor with a front loader, a front linkage, a cabin suspension, a front axle suspension and a compressed air unit. A smooth bottom shape without any appendages giving the best clearance and full cabin basis protection provided by the **JAKE Forest Tank** can be completed with the **JAKE Engine Armour** and the **JAKE Rear Armour**.



Without JAKE Engine Armour



With JAKE Engine Armour

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## JAKE Boom Support

The **JAKE Boom Support** with the **JAKE Mounting Kit** increases the pulling power of the tractor as the weight of the crane falls on pulling wheels but not on the load of the trailer. The **JAKE Boom Support** provides good balance for the tractor during its road driving and improves runnability of the tractor due to even distribution of the weight of the crane between the axles. The **JAKE Boom Support** is also possible to use with different harvester units, not only with a standard grapple.



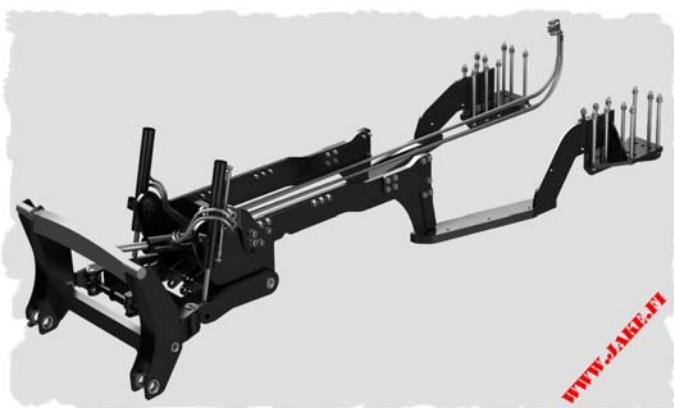
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## JAKE Front Linkage



### The main features of the **JAKE** Front Linkage

- ✓ *long aid frame* to the rear axle reinforces the frame of the tractor and protects it from damage during hard work
- ✓ *"ladder-build"* arm unit provides robust construction against lateral forces caused by ploughs, blades, etc.
- ✓ *adjustable arm width* allows connecting various types of 3-point devices to the front linkage
- ✓ *double upper links* ensure reliability and durability of the front linkage and attachments, although the single upper link is also usable
- ✓ *construction for heavy pushing* gives a remarkable opportunity for heavy snow and earthmoving works
- ✓ *short arm unit* brings ploughs, blades, etc. close to the front of the tractor, increasing runnability of the combination considerably
- ✓ *small diameter cylinders* keep all joints of the front linkage safe
- ✓ **JAKE** Quick Coupler with the hydraulic implement locking makes the connecting of the attachment easy and fast without need to leave the cabin of the tractor.



The **JAKE** Front Linkage provides durable and reliable connection between the attachment and the tractor. The construction of the **JAKE** Front Linkage is built so robustly that the probability to break it down is very little.



The **JAKE** Front Linkage is a perfect solution especially for a heavy pushing work. We offer several types of the **JAKE** Front Linkage with various outfits and optional equipment depending on the customers' requirements and the model of the tractor.



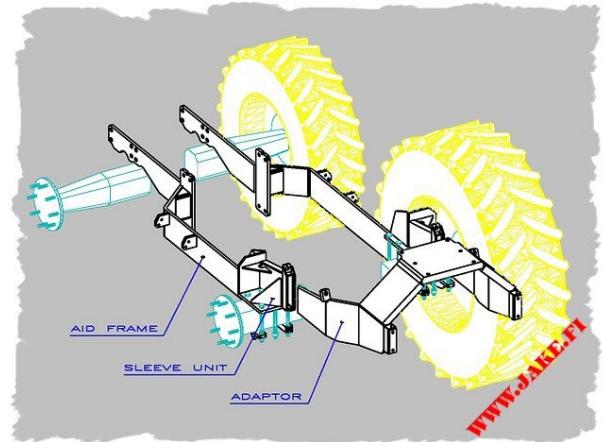
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# JAKE Mounting kit

The **JAKE** Mounting Kit provides effective and quick possibility to mount a crane or a digger on tractors of different brands and models. The connection between the tractor and the crane or the digger is fixed but releasing the tractor to another work is still easy and fast.

The **JAKE** Mounting Kit comprises **sleeve units** bolted on the top of the rear axle, **the aid frame** strengthening a tractor frame and **the adaptor** intended for mounting different cranes and diggers. The set includes all necessary fasteners and parts so that a customer can install the **JAKE** Mounting Kit himself.



The **JAKE** solution for cranes with 3-point fastening is the **JAKE 350** Mounting Kit. **JAKE 600**, **JAKE 800**, **JAKE 800 Tilt** kits are for cranes with flange fastening. The **JAKE 800 HD** is for truck mounted cranes. The **JAKE 350 DG** suits for all diggers with 3-point fastening.

Additionaly we produce **JAKE** Support Legs, **JAKE** Armour Plate, **JAKE** Boom Supports and **JAKE** Axle stabilizers.



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