

# Mechanical grader blades

Effective work machine for various earthmoving and grading or snow clearance jobs. Thanks to the proper design of the body support structure and board, along with an extremely rigid board housing, the grader is exceptionally strong and can easily cut through even the hardest ground.



## JYKEVÄ J20

### Technical specifications

- Working width: 200 cm
- Board height: 500 mm
- Body beam size: 200 x 120 x 6 mm
- Axis of rotation: 70 mm
- Locking pin: 35 mm
- Wear blade: welded 10 x 80 mm smooth spring steel
- Weight: 235 kg
- Tractor recommendation: 30-60 hp

### Attachments (to be installed in place of the board)

- JYV05 drain plow



## JYKEVÄ J250

### Technical specifications

- Working width: 250 cm
- Board height: 600 mm
- Body beam size: 250 x 170 x 5 mm
- Axis of rotation: 80 mm
- Locking pin: 40 mm
- Wear blade: welded 10 x 100 mm smooth spring steel
- Weight: 380 kg
- Tractor recommendation: 50-100 hp

### Attachments (to be installed in place of the board)

- JYV06 drain plow
- JYV11M2 stone rake 2 tines
- JYV11M4 stone rake 4 tines
- JYV10M4 subsoiler 4 tines

### Accessories

- JYV01 support wheel set (also requires JYV01K installation kit)



## JYKEVÄ J250R

### Technical specifications

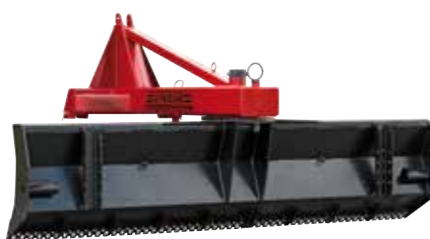
- Working width: 250 cm
- Board height: 650 mm
- Body beam size: 250 x 170 x 5 mm
- Axis of rotation: 80 mm
- Locking pin: 40 mm
- Wear blade: bolt-mounted 10 x 240 mm perforated
- Weight: 430 kg
- Tractor recommendation: 50-100 hp
- Mounts for support wheels and snow wings/end plates pre-fitted to the board

### Attachments (to be installed in place of the board)

- JYV06 drain plow
- JYV11M2 stone rake 2 tines
- JYV11M4 stone rake 4 tines
- JYV10M4 subsoiler 4 tines

### Accessories

- JYV01 support wheel set
- JYV02L end plate left
- JYV02R end plate right
- JYV03 snow wing right



## JYKEVÄ J270R

### Technical specifications

- Working width: 270 cm
- Board height: 650 mm
- Body beam size: 250 x 170 x 5 mm
- Axis of rotation: 80 mm
- Locking pin: 40 mm
- Wear blade: bolt-mounted 10 x 240 mm perforated
- Weight: 450 kg
- Tractor recommendation: 50-100 hp
- Mounts for support wheels and snow wings/end plates pre-fitted to the board

### Attachments (to be installed in place of the board)

- JYV06 drain plow
- JYV11M2 stone rake 2 tines
- JYV11M4 stone rake 4 tines
- JYV10M4 subsoiler 4 tines

### Accessories

- JYV01 support wheel set
- JYV02L end plate left
- JYV02R end plate right
- JYV03 snow wing right



## JYKEVÄ JYT200 FORKLIFT GRADER

### Technical specifications

- Grader fitted with forklift tine adapters. Enables use with a forklift for snow clearance in the winter.
- Can also be used normally with a tractor 3-point linkage.
- End plates standard
- Working width: 200 cm
- Board height: 500 mm
- Body beam: 200 x 120 x 6 mm
- Axis of rotation: 70 mm
- Locking pin: 35 mm
- Weight: 35 mm
- Wear blade: welded 10 x 80 mm smooth spring steel



# Made the way we would want

We manufacture all JYKEVÄ machines in the South Ostrobothnian town of Isojoki. We have been in business since the late 1970s, and many of the grader blades we manufactured more than 40 years ago are still in use.

JYKEVÄ machines are made with heavy-duty materials and unparalleled professional skill. In addition to our own Metalworking Shop staff, we also use the services of subcontractors with ties to the region. This guarantees fast delivery and high-quality JYKEVÄ products!

## Find the right JYKEVÄ package for your needs

1. Choose the attachments and accessories you want for your body.
2. Add pieces along the way as your needs change.
3. Use year after year, without fail.

**JYKEVÄ lasts - and lasts.**

Watch: [www.jykeva.fi](http://www.jykeva.fi)



**Metallipaja Heikki Alakortes Ky**  
Tel. 0400584688  
Pajatie 10, 64900 ISOJOKI, FINLAND  
[www.jykeva.fi](http://www.jykeva.fi)

**SELLER:**



# Finnish Jykevä -made to last.



# Hydraulic glader blades

The JYKEVÄ HYDRO range includes four different beam options and, depending on the model, four different working widths. With the wide variety of attachments available, the operator can perform earthmoving and snow clearance jobs, level fields, grade roads, clear land areas, scalp forests, subsoil and put in underground drainage.



## JYKEVÄ H10

### Technical specifications

- Working width: 250 cm
- Board height: 600 mm
- Body beam size: 200 x 200 x 8 mm
- Axis of rotation: 80 mm
- Rotary actuator 80/45 mm, tubing wall thickness 7.5 mm
- Wear blade: welded 10 x 100 mm smooth spring steel
- Weight: 540 kg
- Tractor recommendation: 70-100 hp

### Attachments (to be installed in place of the board)

- JYV07 myrräaura
- JYV11H2 raivauskoura 2-piikkinen
- JYV11H4 raivauskoura 4-piikkinen
- JYV10H4 jankkoaura 4-piikkinen

### Accessories

- JYV01 support wheel set (also requires JYV01K installation kit)
- JYV144 pressure relief valve (to be installed in place of the lock valve)



## JYKEVÄ H15

### Technical specifications

- Working width alternatives: 250 cm / 270 cm / 300 cm
- Board height: 650 mm
- Body beam size: 200 x 200 x 8 mm
- Axis of rotation: 80 mm
- Rotary actuator 100/50 mm, tubing wall thickness 7.5 mm
- Wear blade: bolt-mounted 10 x 240 mm perforated steel
- Weight: 620 kg / 640 kg / 670 kg
- Tractor recommendation: 70-100 hp
- Mounts for support wheels and snow wings/end plates pre-fitted to the board

### Attachments (to be installed in place of the board)

- JYV07 drain plow
- JYV11H2 stone rake 2 tines
- JYV11H4 stone rake 4 tines
- JYV10H4 subsoiler 4 tines

### Accessories

- JYV01 support wheel set
- JYV02L end plate left
- JYV02R end plate right
- JYV03 snow wing right
- JYV144 pressure relief valve (to be installed in place of the lock valve)



## JYKEVÄ H20

### Technical specifications

- Working width alternatives: 250 cm / 270 cm / 300 cm / 350 cm
- Board height: 650 mm
- Body beam size: 300 x 200 x 10 mm
- Axis of rotation: 125 mm
- Rotary actuator 100/50 mm, tubing wall thickness 7.5 mm
- Wear blade: bolt-mounted 10 x 240 mm perforated steel
- Weight: 720 kg / 740 kg / 770 kg / 820 kg
- Tractor recommendation: 100-250 hp
- Mounts for support wheels and snow wings/end plates pre-fitted to the board

### Attachments (to be installed in place of the board)

- JYV06 drain plow
- JYV11H2 stone rake 2 tines
- JYV11H4 stone rake 4 tines
- JYV10H4 subsoiler 4 tines
- JYV04 beam extension (bolt-mounted on a flange welded to the beam)

### Accessories

- JYV01 support wheel set
- JYV02L end plate left
- JYV02R end plate right
- JYV03 snow wing right
- JYV144 pressure release valve (to be installed in place of the lock valve)



## JYKEVÄ H30

### Technical specifications

- Working width alternatives: 250 cm / 270 cm / 300 cm / 350 cm
- Board height: 650 mm
- Body beam size: 300 x 200 x 10 mm
- Axis of rotation: 125 mm
- Rotary actuator 100/50 mm, tubing wall thickness 7.5 mm
- Beam folding cylinder: 80/45 mm, tubing wall thickness 7.5 mm
- Wear blade: bolt-mounted 10 x 240 mm perforated steel
- Weight: 800 kg / 820 kg / 850 kg / 900 kg
- Tractor recommendation: 100-250 hp
- Mounts for support wheels and snow wings/end plates on the board

### Attachments (to be installed in place of the board)

- JYV06 drain plow
- JYV11H2 stone rake 2 tines
- JYV11H4 stone rake 4 tines
- JYV10H4 subsoiler 4 tines
- JYV04 beam extension (bolt-mounted on a flange welded to the beam)

### Accessories

- JYV01 support wheel set
- JYV02L end plate left
- JYV02R end plate right
- JYV03 snow wing right
- JYV144 pressure relief valve (to be installed in place of the lock valve)



# ONE FRAME, MULTIPLE MACHINES.

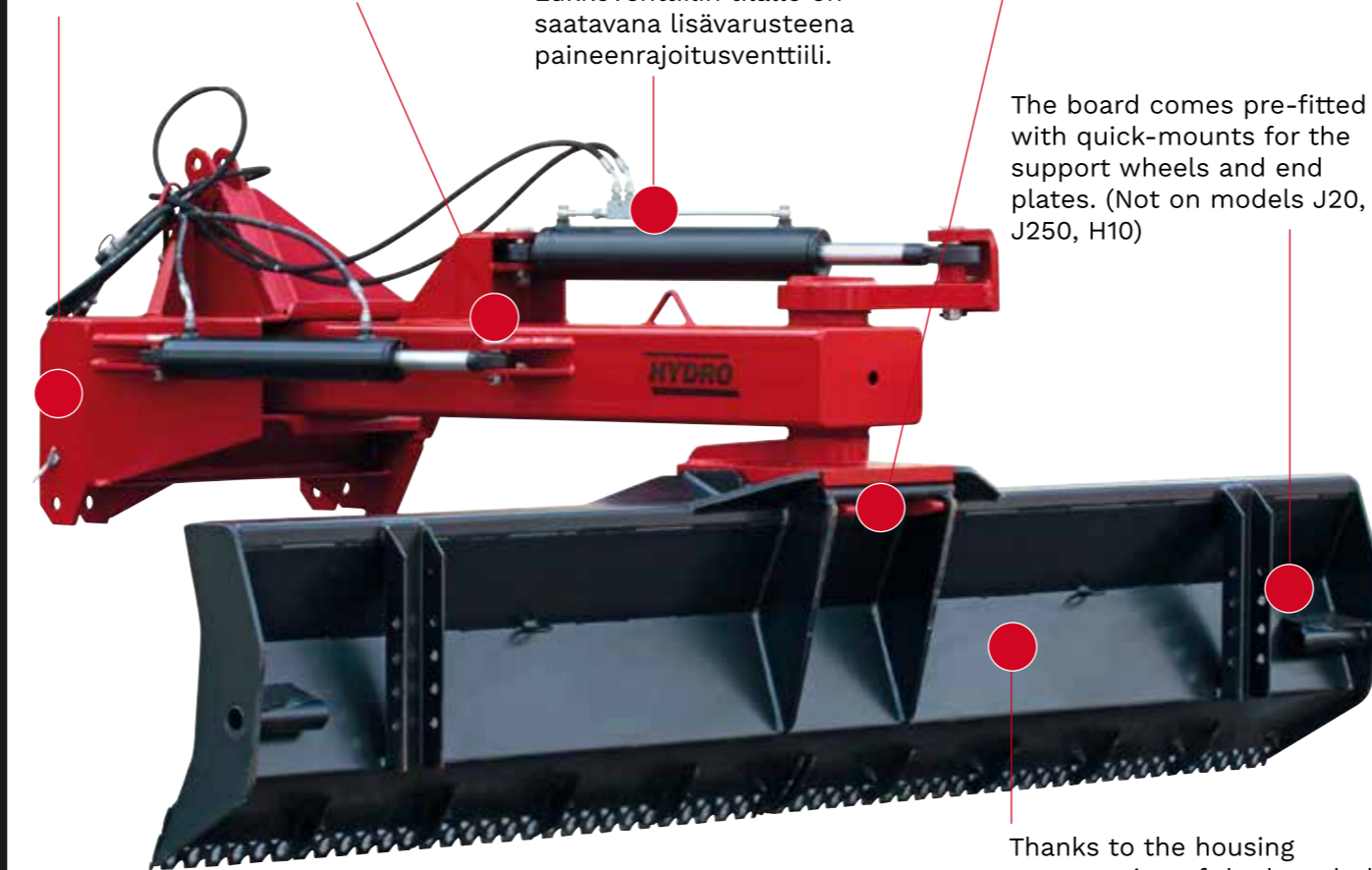
The blade can be replaced with a subsoiler, stone rake or drain plow.

## Durable, easy to use and effective.

In order to maximise durability, the drawbar and push bar brackets and cylinder brackets are made of HB400 wear plate.

Kääntösylinterissä vakiovarusteena oleva lukkoventtiili suojaa traktorin hydraulikkaa paineiskulta. Lukkoventtiilin tilalle on saatavana lisävarusteena paineenrajoitusventtiili.

Quick release system makes it easy and fast to switch out the board with attachments.



The board comes pre-fitted with quick-mounts for the support wheels and end plates. (Not on models J20, J250, H10)

Thanks to the housing construction of the board, the grader blade is exceptionally durable.

# ATTACHMENTS:



Also for mechanical models

## Subsoiler

The subsoiler solves the problem of soil compaction. It breaks up the compacted hardpan that forms over years below the plowing depth, thus essentially compromising soil arability and preventing surface water from reaching underground drainage.

With 4 and 6 tines. Working depth up to 60-70 cm Plow width 3 m. Tines are removable and their position can be adjusted steplessly.



Also for mechanical models

## Stone rake

The stone rake is an effective tool for such applications as forest scalping and clearing stones, stumps and brush. The stone rake can be rotated hydraulically using the grader blade cylinder.

The 2-tine stone rake is 35 cm wide and 4-tine stone rake is 100 cm wide. The tines are 75 cm in length.



Also for mechanical models

## Drain plow

The drain plow helps to prevent standing water problems caused by summer and autumn rains, allowing you to direct water from furrows and sources into underground drainage or open ditches. The JYKEVÄ drain plow can also be used to install drainpipes in the ground.

Max. working depth: 75 cm Thanks to the sharpened cutting blade, there is little tractive resistance - approx. 50 hp is all that is needed to pull the unit. The breakaway bolt (18 mm) on the blade prevents damage to the tractor and plow. Blade: 20 mm wear-resistant steel. Ball hitch 75 mm, with a coupler for fastening a drainpipe.



Only models H20 and H30

## Beam extension

The beam extension converts the grader blade into a field and road grader. The beam extension is installed with a bolt fastener to a flange welded onto the grader blade body.

Length: 200 cm. Wheels: 11.5 / 80 x 15.3. The blade angle can be adjusted with a hydraulic tilt on the rear axle. A drawbar for coupling the grader to a 3-point linkage is included.

## ACCESSORIES

### End plates



Quick-mount end plates make plowing yards and earthmoving fast and easy. Even larger volumes of snow or earth can be moved at one time. If necessary, the end plate can be rotated on its mounting shaft to its back position, thus moving the snow or earth out to the side when grading. When the unit runs into an obstacle, the end plates rise up to prevent any damage.

### Pressure relief valve



The pressure relief valve is connected to a tank, into which the valve directs any overpressure on the actuator caused when the grader blade strikes a stone, stump or other obstacle. This alleviates any sudden impacts on the grader blade, tractor and hydraulics, thus protecting the equipment and operator from damage/injury. The release pressure can be adjusted in both directions installed in place of the rotary actuator lock valve.

### Support wheels



Road grading, field levelling and plowing the first snow on gravel roads and yards are made easy by the support wheel, which are mounted behind the board. The support wheels are fitted with heavy-duty bracket frames. The wheels are amply sized: 155R13, with a height of approx. 500 mm. The bracket frames are fitted with a design-protected spring suspension, which turns the wheels behind the board out of the way when not in use or the board is raised. The wheel height can be easily adjusted.

### Snow wing



The snow wing is installed on the right end of the board in place of the end plate. The wing lowers the snowbank and pushes snow more effectively on top of it.