

# **RUBUST**



*Power • Speed • Durability*

# **FORESTRY EQUIPMENT**





- Small dimensions of the log splitter when in transport position
- Mechanical lifting of the lifting bow for the simple and reliable lifting of bigger and heavier logs
- A patented lifting bow mechanism in a robust housing for simple and reliable switching between the operating and transport position (not available for the model Robust 13)
- A patented operating handle mechanism for securing the workpiece
- Ergonomically designed control levers for less tiring work
- A reliable and firm fixing of the cylinder in the operating position with a simple screwing of two butterfly nuts without any need for tools
- Setting the stroke of the splitting blade for an optimal adjustment to different lengths of the workpieces
- Sliding guides made from a special plastic are resistant to wear and require minimal maintenance
- A submersible filter prevents any impurities in the oil to enter the pump or other components of the hydraulic system
- A special hydraulic valve and the rapid return of the splitting blade allow high yields
- Simple assembly of the splitting table and operation of the lower stroke lock of the splitting blade
- The hydraulic winch of the log splitter allows high productivity and significantly reduces the physical strain on the operator when working with larger and heavier pieces of wood or workpieces (available as additional equipment for the models Robust 16, 20 and 25)
- A well-thought-out central positioning of the winch main pulley, which positions the workpiece into the center of the working plate, while at the same time its flexibility enables the workpieces to be pulled from the side
- The hydraulic winch with a tractive force of 540 kg is designed to pull and lift longer workpieces with a bigger diameter
- 15 m or 20 m (optional) of a 6 mm thick steel cable with a hook is coiled up on the winch drum, which can move with a speed of 35 m/min
- The winch can be mounted onto the log splitter at the first assembly or later
- A big transport eye
- A three-point tractor hitch, categories I and II



**Splitting blade stroke lock**



**A movable left lever  
(patent SI 23536)**



**Simple adjustment of the  
splitting blade stroke**

## **ADVANTAGES**

# ROBUST



Optimal design of the hydraulic winch



Lifting bow ratchet (patent SI 23537)



### **ADVANTAGES**

- Trailer with an integrated log splitter
- Simply hitch it up, transport it and start splitting
- No tractor or electricity required
- Fast, safe and simple work with the log splitter



**SPLITTERS**

# ROBUST BA

## BASIC INFORMATION AND EQUIPMENT

- Robust construction
- Single-axle trailer with a third wheel and a hitch
- Hydraulic lifting and lowering of the log splitter into the operating/transport position
- Powered by a petrol engine
- Two-speed log-splitting/Maxispeed – automatic speed adjustment \*
- Splitting blade stroke adjustment
- Left and right bow to secure the workpiece
- Movable lever for securing the workpiece during operation
- Control lever for two-handed activation
- High-quality hydraulic components
- Welded reservoir with an oil drain plug
- Submersible suction filter
- Oil level indicator
- Integrated lifting feet for simple adjustments of the trailer
- Homologation – approval for road transport (80 km/h) \*\*\*
- Lifting bow ratchet
- Oil cooling system with electrostarter – option \*

\* only R 20 BA

\*\*\* Option



## TECHNICAL SPECIFICATIONS

### R 13 BA

### R 20 BA

|                                    | R 13 BA   | R 20 BA   |
|------------------------------------|---|---|
| Drive                              | Petrol engine   | Petrol engine   |
| Description                        | Vanguard 10 – 7,4 kW/10 HP<br>Honda GX270 – 6,3 kW/8,4 HP **<br>Hi-Lo pump, Class 1 | Vanguard 400 – 10,3 kW/14 HP<br>Honda GX 390 – 8,7 kW/11,7 HP **<br>Hi-Lo pump, Class 2 |
| Controlling the splitting blade    | 2 speeds  | Maxispeed   |
| Splitting force (t)                | 13  | 20  |
| Splitting blade stroke (mm)        | 1050  | 1100  |
| Workpiece height (mm)              | 1150  | 1150  |
| Workpiece height on the table (mm) | 630   | 630   |
| Workpiece diameter (mm)            | 500   | 800   |
| Splitting speed H1/H2/PH (cm/cm/s) | 11,09/22,01/20,03   | -/19,4/17,6   |
| Weight (kg)                        | 475   | 680   |
| Dimensions H/W/L/H1 (mm)           | 1550/1600/2552/2600   | 1550/1600/2552/2600   |
| Oil quantity (l)                   | 23  | 40  |

\*\* Basic VANGUARD/ option HONDA



# SPLITTERS

# ROBUST 13

## BASIC INFORMATION AND EQUIPMENT

- A robust construction
- Wheels for manual moving
- Two-speed log-splitting
- Splitting blade stroke adjustment
- Lifting bow for lifting heavier workpieces
- Premium aluminium pump
- Left bow for securing the workpiece
- Movable lever for securing the workpiece during operation
- Control lever for two-handed activation
- High-quality hydraulic components
- Welded reservoir with an oil drain plug
- Submersible filter
- Oil level indicator

## DRIVE

- PTO – premium hydraulic aluminium pump type 2 with an intensifier
- PTO-premium cast iron pump
- Electromotor 4,0 kW/400 V
- Electromotor 3,0 kW/230 V
- PTO + electromotor
- Vanguard 10 – 7,4 kW/10 HP or Honda GX270 – 6,3 kW/8,4 HP \*\*

## TECHNICAL SPECIFICATIONS

|  | <b>R 13 K</b>      | <b>R 13 E</b>      | <b>R 13 EK</b>                       | <b>R 13 EE</b>     | <b>R 13 B</b>   |
|--|--------------------|--------------------|--------------------------------------|--------------------|---|
| Drive                                  | PTO                | Electromotor       | PTO + Electromotor                   | Electromotor       | Petrol  |
| Description                            | Hydraulic pump     | Hi-Lo 4,0 kW/400 V | Hydraulic pump<br>Hi-Lo 4,0 kW/400 V | Hi-Lo 3,0 kW/230 V | Vanguard 10<br>7,4 kW/10 HP<br>Honda GX270<br>6,3 kW/8,4 HP **<br>Hi-Lo pump, Class 2 |
| Controlling the splitting blade        | 2 speeds           | 2 speeds           | 2 speeds                             | 2 speeds           | 2 speeds  |
| Splitting force (t)                    | 13                 | 13                 | 13                                   | 13                 | 13  |
| Splitting blade stroke (mm)            | 1050               | 1050               | 1050                                 | 1050               | 1050  |
| Workpiece height (mm)                  | 1150               | 1150               | 1150                                 | 1150               | 1150  |
| Workpiece height on the table (mm)     | 630                | 630                | 630                                  | 630                | 630   |
| Workpiece diameter (mm)                | 500                | 500                | 500                                  | 500                | 500   |
| Splitting speed H1/H2/PH (cm/cm/s)     | 9,7/24,4/15,0      | 6,1/15,2/9,9       | look left/right                      | 9,3/17,0/15,6      | 11,09/22,01/20,03   |
| Required tractor power (kW/HP)         | 21/29              | /                  | 21/29                                | /                  | /   |
| Required PTO torque (Nm)               | 199                | /                  | 199                                  | /                  | /   |
| PTO – max rpm                          | 540                | /                  | 540                                  | /                  | /   |
| Weight min-max (kg)                    | 285-300            | 308                | 320-334                              | 310                | 302-316   |
| Dimensions H/W/L/H1 (mm)               | 1690/856/1180/2470 | 1690/856/1180/2470 | 1690/856/1180/2470                   | 1690/856/1180/2470 | 1690/856/1180/2470  |
| Transport height with table (mm)       | 2050               | 2050               | 2050                                 | 2050               | 2050  |
| Oil quantity (l)                       | 23                 | 23                 | 23                                   | 23                 | 23  |
| Three-point tractor hitch (categories) | I, II              | I, II              | I, II                                | I, II              | /   |

\*\* Basic VANGUARD/ option HONDA



# SPLITTERS

# ROBUST 16 **ProfiLINE**

## BASIC INFORMATION AND EQUIPMENT

- Robust construction
- Premium cast iron pump
- Maxispeed – automatic speed adjustment
- Extended cylinder stroke
- Splitting blade stroke adjustment
- Lifting bow for lifting heavier workpieces
- Lifting bow ratchet
- Left bow for securing the workpiece
- Movable lever for securing the workpiece during operation
- Control lever for two-handed activation
- High-quality hydraulic components
- Welded reservoir with an oil drain plug
- Submersible filter
- Oil level indicator

## DRIVE

- PTO – premium cast iron pump
- Electromotor 5,5 kW/400 V
- PTO + electromotor

## TECHNICAL SPECIFICATIONS

|  | <b>R 16 K</b>      | <b>R 16 E</b>      | <b>R 16 EK</b>                       |
|--|--------------------|--------------------|--------------------------------------|
| Drive                                  | PTO                | Electromotor       | PTO + Electromotor                   |
| Description                            | Hydraulic pump     | Hi-Lo 5,5 kW/400 V | Hydraulic pump<br>Hi-Lo 5,5 kW/400 V |
| Controlling the splitting blade        | Maxispeed          | Maxispeed          | Maxispeed                            |
| Splitting force (t)                    | 16                 | 16                 | 16                                   |
| Splitting blade stroke (mm)            | 1100               | 1100               | 1100                                 |
| Workpiece height (mm)                  | 1150               | 1150               | 1150                                 |
| Workpiece height on the table (mm)     | 630                | 630                | 630                                  |
| Workpiece diameter (mm)                | 600                | 600                | 600                                  |
| Splitting speed H1/H2/PH (cm/cm/s)     | 21,9/17,5          | 16,7/13,1          | look left                            |
| Required tractor power (kW/HP)         | 25/34              | /                  | 25/34                                |
| Required PTO torque (Nm)               | 200                | /                  | 200                                  |
| PTO – max rpm                          | 540                | /                  | 540                                  |
| Weight min-max (kg)                    | 434-500            | 450-516            | 474-540                              |
| Dimensions H/W/L/H1 (mm)               | 1785/856/1280/2615 | 1785/856/1280/2615 | 1785/856/1280/2615                   |
| Transport height with table (mm)       | 2050               | 2050               | 2050                                 |
| Oil quantity (l)                       | 35                 | 35                 | 35                                   |
| Three-point tractor hitch (categories) | I, II              | I, II              | I, II                                |



# SPLITTERS

# ROBUST 20 **ProfiLINE**

## BASIC INFORMATION AND EQUIPMENT

- Robust construction
- Premium cast iron pump
- Maxispeed – automatic speed adjustment
- Extended cylinder stroke
- Splitting blade stroke adjustment
- Lifting bow for lifting heavier workpieces
- Lifting bow ratchet
- Left bow for securing the workpiece
- Movable lever for securing the workpiece during operation
- Control lever for two-handed activation
- High-quality hydraulic components
- Welded reservoir with an oil drain plug
- Submersible filter
- Oil level indicator

## DRIVE

- PTO – premium cast iron pump
- Electromotor 5,5 kW/400 V
- PTO + electromotor

| <b>TECHNICAL SPECIFICATIONS</b>        | <b>R 20 K PL</b>   | <b>R 20 E PL</b>   | <b>R 20 EK PL</b>                    |
|--|--------------------|--------------------|--------------------------------------|
| Drive                                  | PTO                | Electromotor       | PTO + Electromotor                   |
| Description                            | Hydraulic pump     | Hi-Lo 5,5 kW/400 V | Hydraulic pump<br>Hi-Lo 5,5 kW/400 V |
| Controlling the splitting blade        | Maxispeed          | Maxispeed          | Maxispeed                            |
| Splitting force (t)                    | 20                 | 20                 | 20                                   |
| Splitting blade stroke (mm)            | 1100               | 1100               | 1100                                 |
| Workpiece height (mm)                  | 1150               | 1150               | 1150                                 |
| Workpiece height on the table (mm)     | 630                | 630                | 630                                  |
| Workpiece diameter (mm)                | 800                | 800                | 800                                  |
| Splitting speed H1/H2/PH (cm/cm/s)     | 28,5/30,6          | 17,9/15,0          | look left                            |
| Required tractor power (kW/HP)         | 30/41              | /                  | 30/41                                |
| Required PTO torque (Nm)               | 320                | /                  | 320                                  |
| PTO – max rpm                          | 540                | /                  | 540                                  |
| Weight min-max (kg)                    | 512-620            | 555-650            | 582-660                              |
| Dimensions H/W/L/H1 (mm)               | 1800/856/1320/2710 | 1800/856/1320/2710 | 1800/856/1320/2710                   |
| Transport height with table (mm)       | 2050               | 2050               | 2050                                 |
| Oil quantity (l)                       | 45                 | 45                 | 45                                   |
| Three-point tractor hitch (categories) | I, II              | I, II              | I, II                                |



# SPLITTERS

### BASIC INFORMATION AND EQUIPMENT

- Robust construction
- Premium cast iron pump
- Maxispeed – automatic speed adjustment
- Extended cylinder stroke
- Splitting blade stroke adjustment
- Lifting bow for lifting heavier workpieces
- Lifting bow ratchet
- Left bow for securing the workpiece
- Movable lever for securing the workpiece during operation
- Control lever for two-handed activation
- High-quality hydraulic components
- Welded reservoir with an oil drain plug
- Submersible filter
- Oil level indicator

### DRIVE

- PTO – premium cast iron pump
- Electromotor 6,6 kW/400 V
- PTO + electromotor

### TECHNICAL SPECIFICATIONS

|  | <b>R 25 K PL</b>   | <b>R 25 E PL</b>   | <b>R 25 EK PL</b>                    |
|--|--------------------|--------------------|--------------------------------------|
| Drive                                  | PTO                | Electromotor       | PTO + Electromotor                   |
| Description                            | Hydraulic pump     | Hi-Lo 6,6 kW/400 V | Hydraulic pump<br>Hi-Lo 6,6 kW/400 V |
| Controlling the splitting blade        | Maxispeed          | Maxispeed          | Maxispeed                            |
| Splitting force (t)                    | 25                 | 25                 | 25                                   |
| Splitting blade stroke (mm)            | 1100               | 1100               | 1100                                 |
| Workpiece height (mm)                  | 1150               | 1150               | 1150                                 |
| Workpiece height on the table (mm)     | 630                | 630                | 630                                  |
| Workpiece diameter (mm)                | 900                | 900                | 900                                  |
| Splitting speed H1/H2/PH (cm/cm/s)     | 28,5/30,6          | 17,9/15,0          | look left                            |
| Required tractor power (kW/HP)         | 30/41              | /                  | 30/41                                |
| Required PTO torque (Nm)               | 320                | /                  | 320                                  |
| PTO – max rpm                          | 540                | /                  | 540                                  |
| Weight min-max (kg)                    | 517-625            | 565-655            | 587-665                              |
| Dimensions H/W/L/H1 (mm)               | 1800/856/1320/2710 | 1800/856/1320/2710 | 1800/856/1320/2710                   |
| Transport height with table (mm)       | 2050               | 2050               | 2050                                 |
| Oil quantity (l)                       | 45                 | 45                 | 45                                   |
| Three-point tractor hitch (categories) | I, II              | I, II              | I, II                                |



All our products are subject to constant development, therefore the technical specifications are not binding and may change. The pictures are of an illustrative nature and due to development changes and improvements they do not always represent the actual state.



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*Robust splitters*

**FORESTRY EQUIPMENT**