

# Technical data 208F

## Brake:

- Brake with 2-circles, oil-cooled multiple-disc power-brake
- Spring accumulator – parking brake

## Steering:

- Articulated frame steering with 2 cylinders
- Steering angle 45°

## Cabin:

- Raisable to side on parallel linkages
- ROPS, FOPS, OPS tested
- Rotary seat with pedals in front and rear
- Wiper in front and rear, optional on the side
- Air cushioned seat with seat heating
- Hot-water heating
- Air conditioning

## Electrics / Instruments:

- HSM Ecommand colour-display
- 5 operator programs + factory setting
- Diagnosis-tool and error-indication
- Graphic support at parameter editing
- Generator 110 A (28 V)
- 2 service-free dry batteries á 75 Ah

## Power train:

- NAF 2 speed transfer gearbox
- HSM High Speed Drive (series 71); speed at 1st gear 0-14 km/h

## Standard equipment:

- 14 LED-working headlight at cabin
- 4 working headlights at crane
- Potential transformer 24 V - 12 V
- Radio with CD
- Fire extinguisher
- First aid kit
- Warning triangle
- Tool kit
- Cooling box
- Reversing camera with color monitor
- Rear headlights
- Twist lock with 2 hydraulic cylinders

## Special equipment:

- Front dozer-blade
- Tandem axle lift (Bogie lift) front
- Turnable rung
- Last rung plugged
- Tilttable crane
- Quick-change system for rungs
- Clambunk
- Auxiliary heating
- Bogie-tracks
- Radio control for winch
- Drive by radio
- Sun blinds
- Pluggable front grid
- Cab suspension HCS
- Crane tip control xyControl (Epsilon crane only)
- Other accessories on request

## 208F 4 cylinder

### Engine:

- VOLVO PENTA  
TAD581VE EU Stage V  
Power: 129 kW (175 HP) from 1700 rpm  
Max. revolution: 800 Nm from 1100 - 1500 rpm  
Max. torque: 816 Nm at 1380 rpm  
Displacement: 5,13 liters

Optional: from 208F 10 t

- VOLVO PENTA  
TAD583VE EU Stage V  
Power: 175 kW (238 HP) from 1750 rpm  
Max. revolution: 947 Nm from 1200 - 1750 rpm  
Max. torque: 969 Nm at 1380 rpm  
Displacement: 5,13 liters

### Hydraulic system:

- Load sensing
- Variable pump (working pump):  
flow rate: 304 l/min at 1600 rpm  
pressure: up to max. 350 bar
- Hydraulic oil: saturated synthetic ester  
Panolin HLP SYNTH with Kleenoil  
microfiltration; WGK 1

### Tank capacity:

- Diesel: 170 l
- AdBlue: 25 l
- Hydraulic oil: 130 l

## 208F 6 cylinder

### Engine:

- VOLVO PENTA  
TAD881VE EU Stage V  
Power: 185 kW (252 HP) from 1600 rpm  
Max. revolution: 1150 Nm from 1100 - 1500 rpm  
Max. torque: 1175 Nm at 1400 rpm  
Displacement: 7,7 liters

Optional:

- VOLVO PENTA  
TAD882VE EU Stage V  
Power: 210 kW (286 HP) from 1700 rpm  
Max. revolution: 1225 Nm from 1100 - 1600 rpm  
Max. torque: 1255 Nm at 1400 rpm  
Displacement: 7,7 liters

### Hydraulic system:

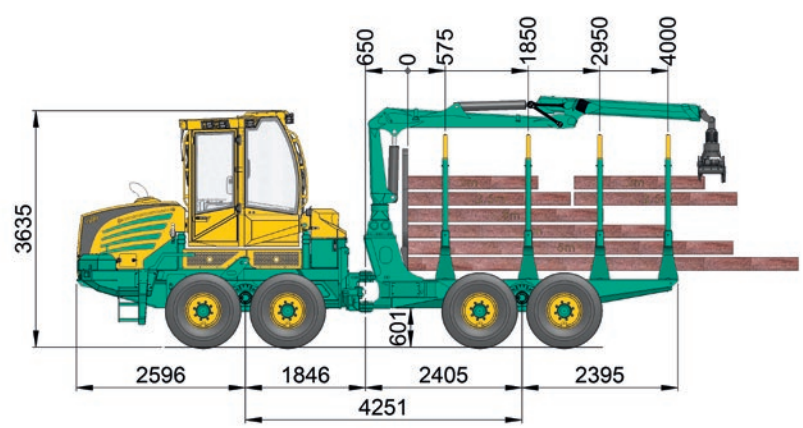
- Load sensing
- Variable pump (working pump):  
flow rate: 304 l/min from 1600 rpm  
pressure: up to max. 350 bar
- Hydraulic oil: saturated synthetic ester  
Panolin HLP SYNTH with Kleenoil  
microfiltration; WGK 1

### Tank capacity:

- |                  |             |       |
|------------------|-------------|-------|
|                  | 11 t / 12 t | 14 t  |
| ▪ Diesel:        | 190 l       | 225 l |
| ▪ AdBlue:        | 45 l        | 45 l  |
| ▪ Hydraulic oil: | 130 l       | 130 l |

# 208F 7 t

4 cylinder

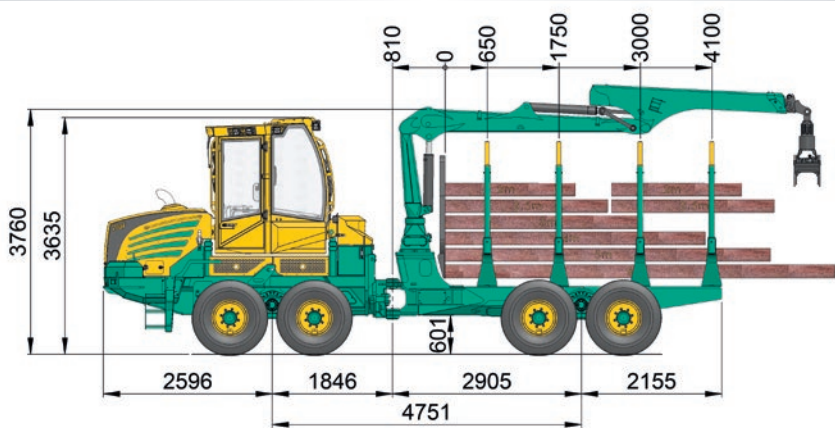


Weight:			
<ul style="list-style-type: none"> <li>13.900 kg (series)</li> </ul>			
Weight distribution: front axle: 60 %			
rear axle: 40 %			
Tyres:			
	width:	overall width:	width for tracks:
Series:	600/50-22,5	2300 mm	2400 mm
Optional:	650/45-22,5	2400 mm	2500 mm
	710/40-22,5	2500 mm	2600 mm
Axles:			
<ul style="list-style-type: none"> <li>NAF portal-bogie-axes</li> <li>Front: switchable differential lock 100 %</li> <li>Rear: switchable differential lock 100 %</li> </ul>			

Crane:	
Series:	Epsilon C60 F69
<ul style="list-style-type: none"> <li>For further cranes see crane brochure</li> </ul>	
Tank capacity:	
Diesel:	150 l
AdBlue:	25 l
Hydraulic oil:	110 l
Loading area:	
4 rungs	
Length:	4000 mm
Cross section:	2,9 m <sup>2</sup> , optional: 3,3 m <sup>2</sup>
Load capacity:	7 t

# 208F 9 t

4 cylinder

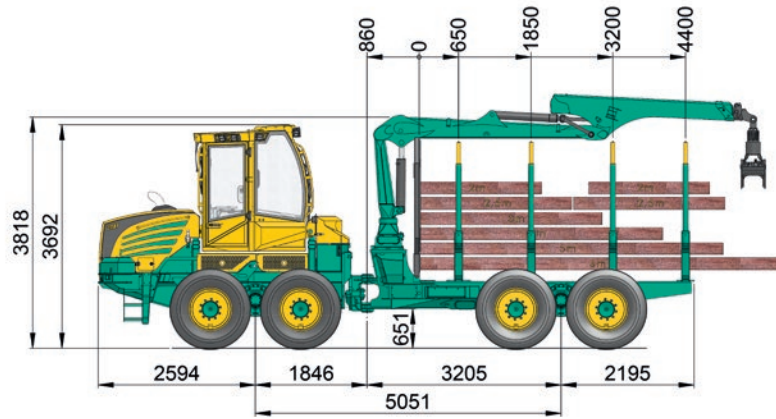


Weight:			
<ul style="list-style-type: none"> <li>14.800 kg (series)</li> </ul>			
Weight distribution: front axle: 60 %			
rear axle: 40 %			
Tyres:			
	width:	overall width:	width for tracks:
Series:	710/40-22,5	2500 mm	2600 mm
Optional:	600/50-22,5	2300 mm	2400 mm
	650/45-22,5	2400 mm	2500 mm
Axles:			
<ul style="list-style-type: none"> <li>NAF portal-bogie-axes</li> <li>Front: switchable differential lock 100 %</li> <li>Rear: switchable differential lock 100 %</li> </ul>			

Crane:	
Series:	Epsilon M70 F80
<ul style="list-style-type: none"> <li>For further cranes see crane brochure</li> </ul>	
Tank capacity:	
Diesel:	150 l
AdBlue:	25 l
Hydraulic oil:	110 l
Loading area:	
4 rungs	
Length:	4100 mm
Cross section:	3,6 m <sup>2</sup> , optional: 3,9 m <sup>2</sup>
Load capacity:	9 t

# 208F 10 t

4 cylinder



### Weight:

- from 17.200 kg
- Weight distribution: front axle: 60 %, rear axle: 40 %

### Tyres:

	Width:	Overall width:	Width for tracks:
Series:	710/45-26,5	2600 mm	2700 mm
Optional:	600/55-26,5	2400 mm	2500 mm
	800/40-26,5	2700 mm	2800 mm
	870/40-26,5	2900 mm	3000 mm
	54x37-25	2900 mm	3000 mm

### Axles:

- NAF portal-bogie-axes
- Front: switchable differential lock 100 %
- Rear: switchable differential lock 100 %

### Crane:

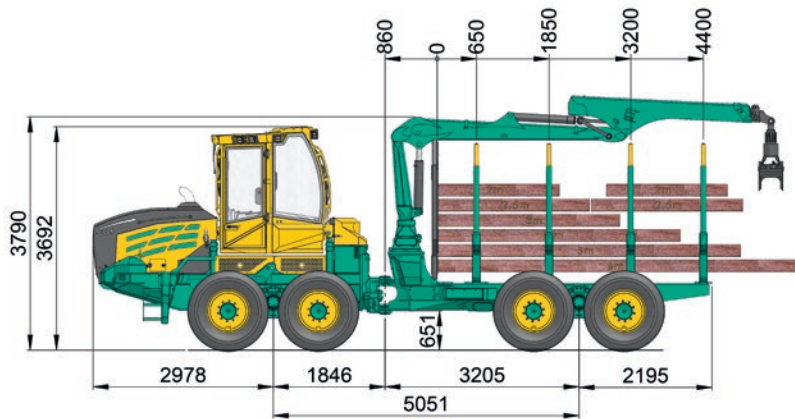
- Series: Epsilon M70 F80
- For further cranes see crane brochure

### Loading area:

- 4 rungs
- Length: 4400 mm
- Cross section: 4,0 m<sup>2</sup> / Option 4,3 m<sup>2</sup>
- Load capacity: 10 t

# 208F 11 t

6 cylinder



### Weight:

- from 17.800 kg
- Weight distribution: front axle: 60 %, rear axle: 40 %

### Tyres:

	Widht:	Overall Widht:	Width for tracks:
Series:	710/45-26,5	2600 mm	2700 mm
Optional:	600/55-26,5	2400 mm	2500 mm
	800/40-26,5	2700 mm	2800 mm
	870/40-26,5	2900 mm	3000 mm
	54x37-25	2900 mm	3000 mm

### Axles:

- NAF portal-bogie-axes
- Front: switchable differential lock 100 %
- Rear: switchable differential lock 100 %

### Crane:

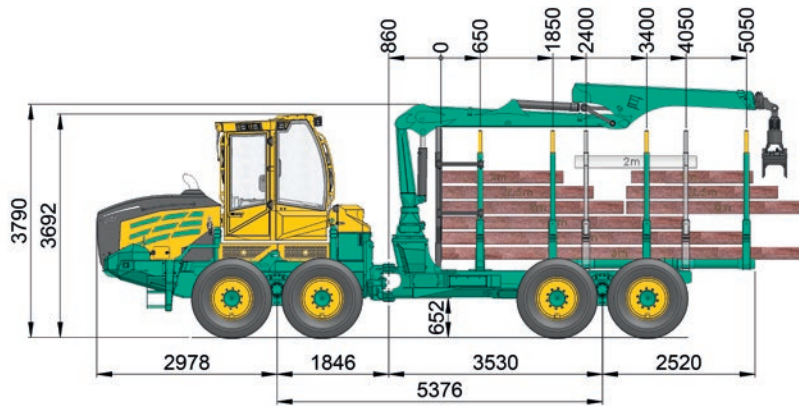
- Series: Epsilon M70 F80
- For further cranes see crane brochure

### Loading area:

- 4 rungs
- Length: 4400 mm
- Cross section: 4,0 m<sup>2</sup> / Option 4,3 m<sup>2</sup>
- Load capacity: 11 t

# 208F 12 t

6 cylinder



### Weight:

- from 18.200 kg
- Weight distribution: front axle: 60 %, rear axle: 40 %

### Tyres:

	Width:	Overall width:	Width for tracks:
Series:	710/45-26,5	2600 mm	2700 mm
Optional:	600/55-26,5	2400 mm	2500 mm
	800/40-26,5	2700 mm	2800 mm
	870/40-26,5	2900 mm	3000 mm
	54x37-25	2900 mm	3000 mm

### Axles:

- NAF portal-bogie-axes
- Front: switchable differential lock 100 %
- Rear: switchable differential lock 100 %

### Crane:

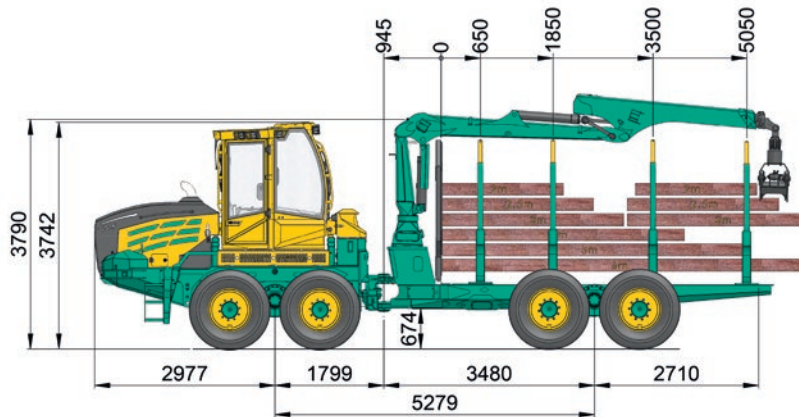
- Series: Epsilon M70 F80
- For further cranes see crane brochure

### Loading area:

- 4 rungs, last rung extensible
- Length: 3700 mm - 4650 mm / Option 5050 (2 x 3 m)
- Cross section: 4,0 m<sup>2</sup> / Option 4,3 m<sup>2</sup>
- Load capacity: 12 t

# 208F 14 t

6 cylinder



### Weight:

- from 18.500 kg
- Weight distribution: front axle: 60 %, rear axle: 40 %

### Tyres:

	Width:	Overall Width:	Width for tracks:
Series:	710/45-26,5	2860 mm	2960 mm
Optional:	600/55-26,5	2660 mm	2760 mm
	800/40-26,5	3000 mm	3000 mm

### Axles:

- Balanced NAF portal-bogie-axes
- Front: switchable differential lock 100 %
- Rear: switchable differential lock 100 %

### Crane:

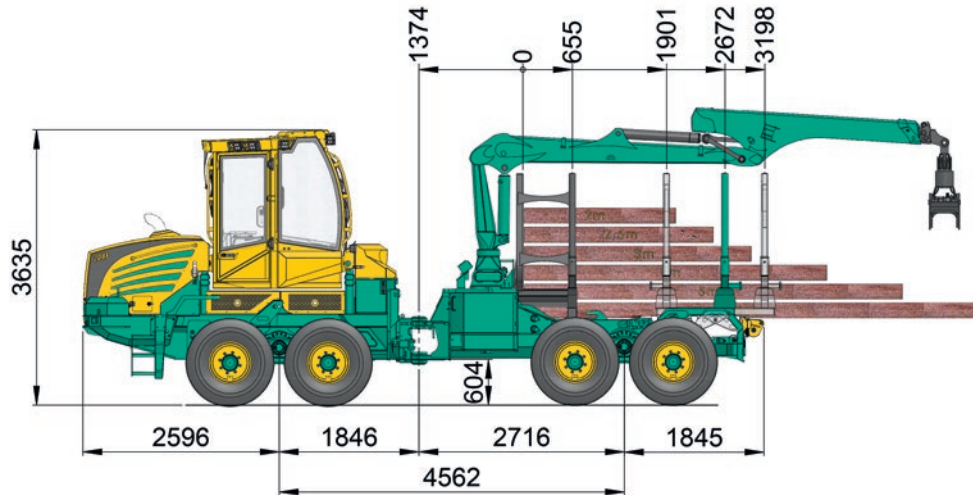
- Series: Epsilon M70 F80
- For further cranes see crane brochure

### Loading area:

- 4 rungs
- Length: 5050 mm
- Cross section: 4,4 m<sup>2</sup>
- Load capacity: 14 t

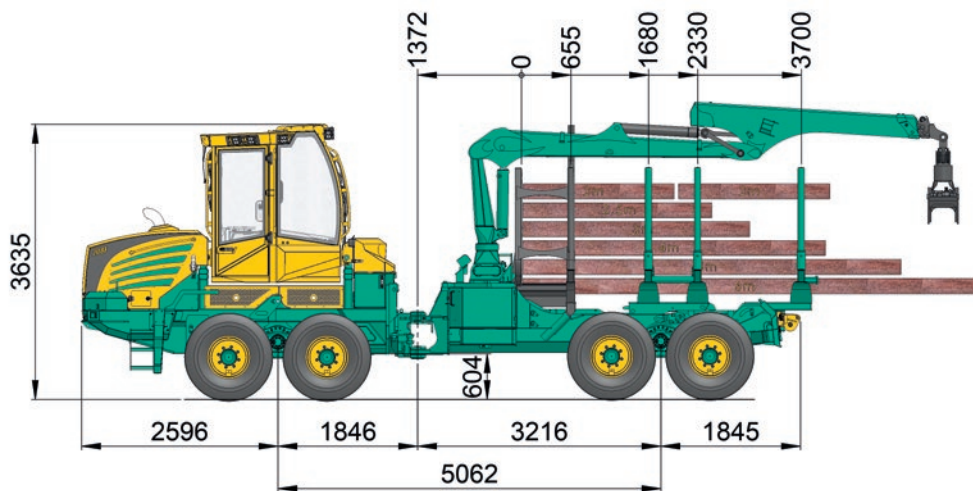
## 208F 9 t Kombi short

4 cylinder



## 208F 9 t Kombi long

4 cylinder



### Weight Kombi short / long:

- 15.300 kg / 15.500 kg

### Load capacity:

- 9 t

### Winches:

- Series: Adler HY 16-SG (2x80 kN) double-drum-winch  
Max. cable take-up 4 mm, 100 m
- Optional: Adler HY 20-SG (2x100 kN) double-drum-winch  
Max. cable take-up 14 mm, 100 m

### Crane:

- Series: Epsilon M70 F80
- For further cranes see crane brochure

### Tyres:

- Series: 710/40x22,5 min. width: 2550 mm

By using tracks the min. width will change (+100 mm).  
Other tyres on request.

### Standard equipment:

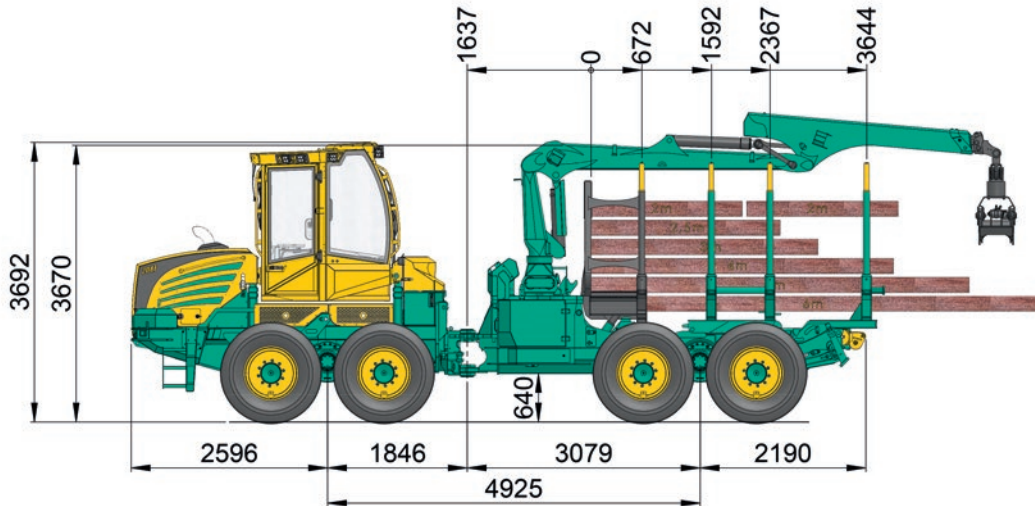
- Grid and first rung demountable
- Last rung demountable and displaceable to loading length:
  - (short) 1,9 m, 2,7 m and 3,2 m
  - (long) 2,4 m, 3,1 m and 3,7 m
- Roller-block, high adjustable
- twist lock with hydraulic cylinder
- Cross section 3,25 m<sup>2</sup>

### Special equipment:

- Rear blade
- Clambunk with quick-change system
- Twin-rung as 2nd and 3rd rung on quick-change system (only Kombi long)
- Turnable rung
- Other accessories on request

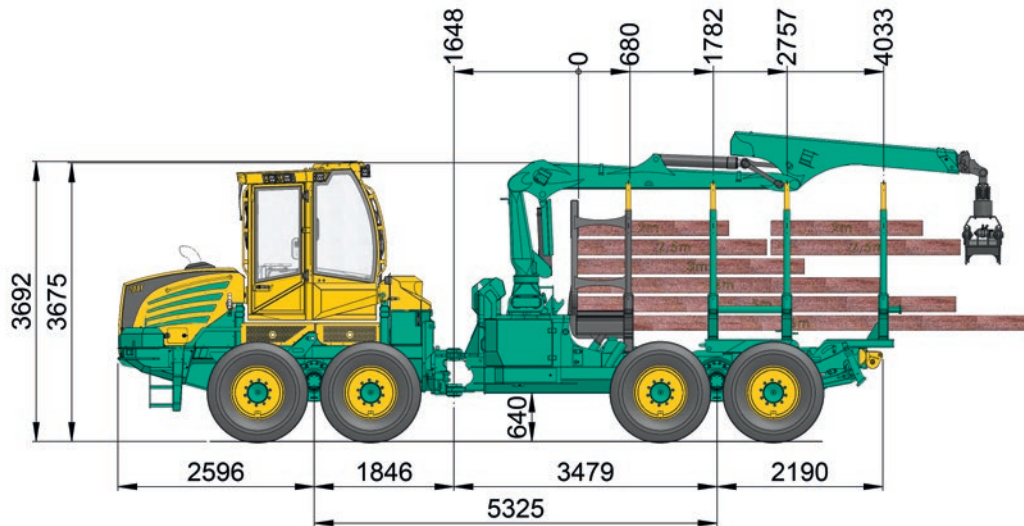
# 208F 10 t Kombi short

4 cylinder



# 208F 10 t Kombi long

4 cylinder



### Weight Kombi short / long:

- from 17.700 kg / 17.900 kg

### Load capacity:

- 10 t

### Winches:

- Serie: Adler HY 20-SG (2x100 kN) double-drum-winch  
Max. cable take-up 14 mm, 100 m
- Optional: Adler HY 24-SG (2x120 kN) double-drum-winch  
Max. cable take-up 14 mm, 130 m
- Adler HY 32 L-SG (2x160 kN) double-drum-winch  
Max. cable take-up 14 mm, 170 m

### Crane:

- Serie: Epsilon M70 F80
- For further cranes see crane brochure

### Tyres:

- Serie: 710 / 45x26,5 min. width: 2600 mm

By using tracks the min. width will change (+100 mm).  
Other tyres on request.

### Standard equipment:

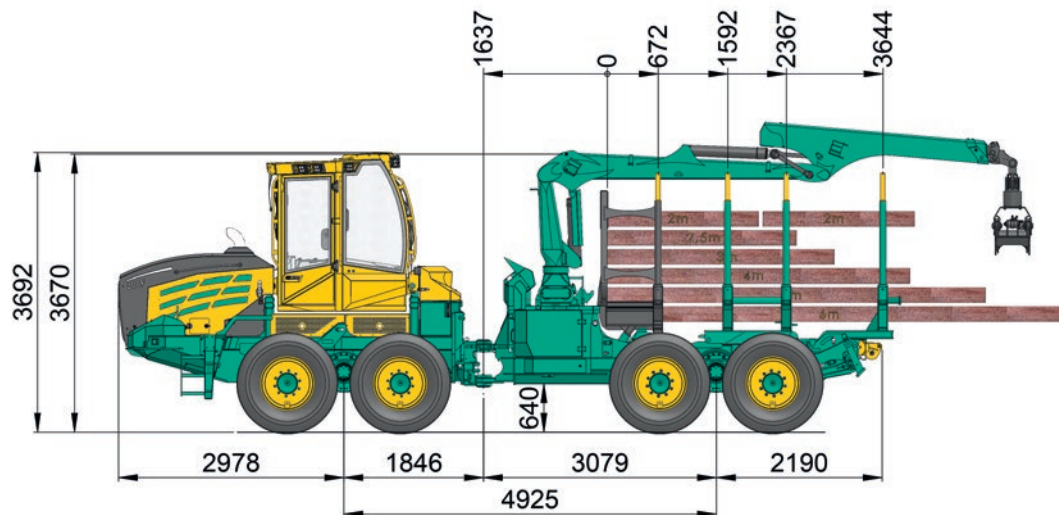
- Grid and first rung demountable
- Last rung demountable and displaceable to loading length:  
(short) 2,4 m, 3,2 m and 3,65 m  
(long) 2,8 m, 3,6 m and 4,05 m
- Roller-block, high adjustable
- Cross section 3,3 m<sup>2</sup>

### Special equipment:

- Fear blade
- Clambunk with quick-change system
- Twin-rung as 2nd and 3rd rung on quick-change system
- Turnable rung
- Tilttable crane
- Tandem axle lift (Bogie lift) rear
- Other accessories on request

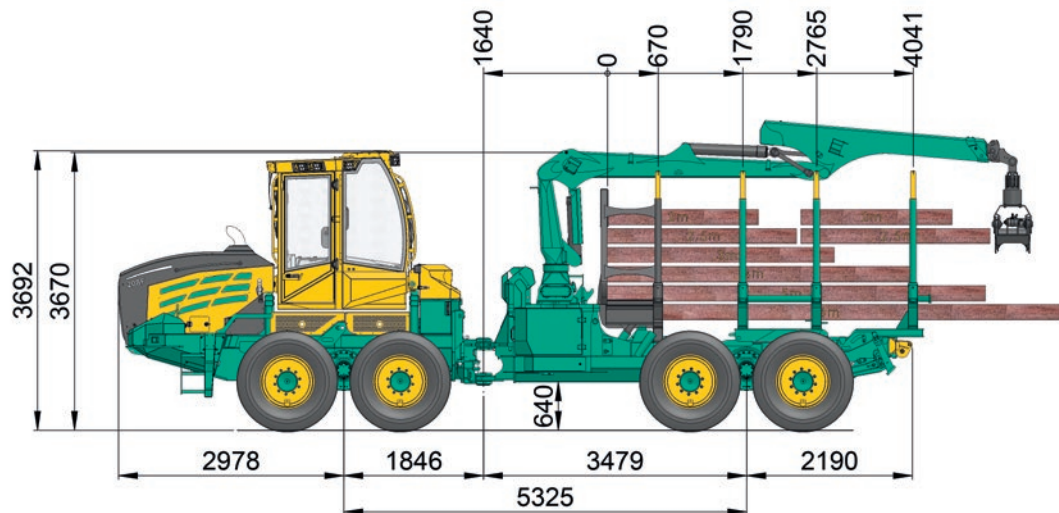
## 208F 11 t Kombi short

6 cylinder



## 208F 11 t Kombi long

6 cylinder



### Weight Kombi short / long:

- from 19.600 kg / 19.800 kg

### Load capacity:

- 11 t

### Winches:

- Series: Adler HY 20 (2x100 kN) double-drum-winch  
Max. cable take-up 14 mm, 100 m
- Optional: Adler HY 24-SG (2x120 kN) double-drum-winch  
Max. cable take-up 14 mm, 130 m  
Adler HY 32 L-SG (2x160 kN) double-drum-winch  
Max. cable take-up 14 mm, 170 m

### Crane:

- Series: Epsilon M70 F80
- For further cranes see crane brochure

### Tyres:

- Series: 710/45x26,5 min. width: 2600 mm

By using tracks the min. width will change (+100 mm).  
Other tyres on request.

### Standard equipment:

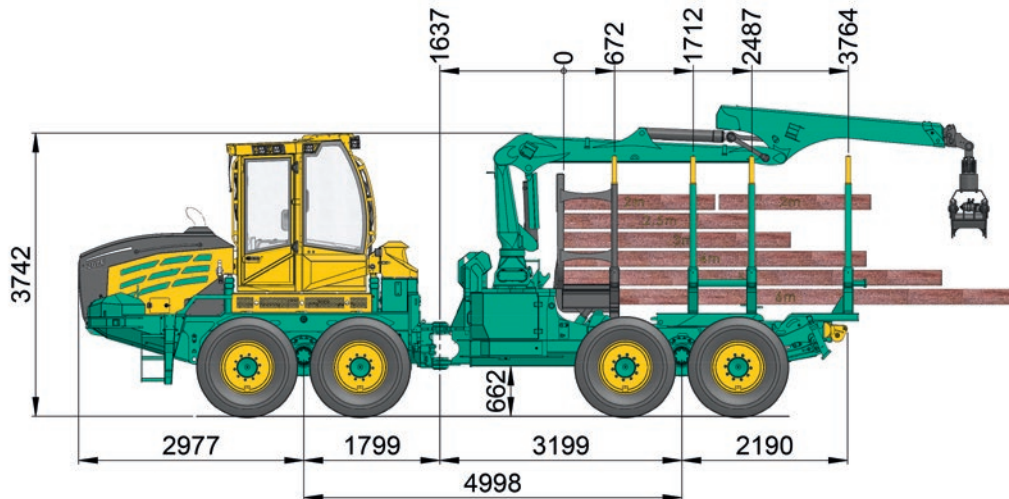
- Grid and first rung demountable
- Last rung demountable and displaceable to loading length  
(short) 2,4 m, 3,2 m and 3,65 m  
(long) 2,8 m, 3,6 m and 4,05 m
- Roller-block, high adjustable
- Cross section 3,3 m<sup>2</sup>

### Special equipment:

- Fear blade
- Clambunk with quick-change system
- Twin-rung as 2nd and 3rd rung on quick-change system
- Turnable rung
- Tiltable crane
- Tandem axle lift (Bogie lift) rear
- Other accessories on request

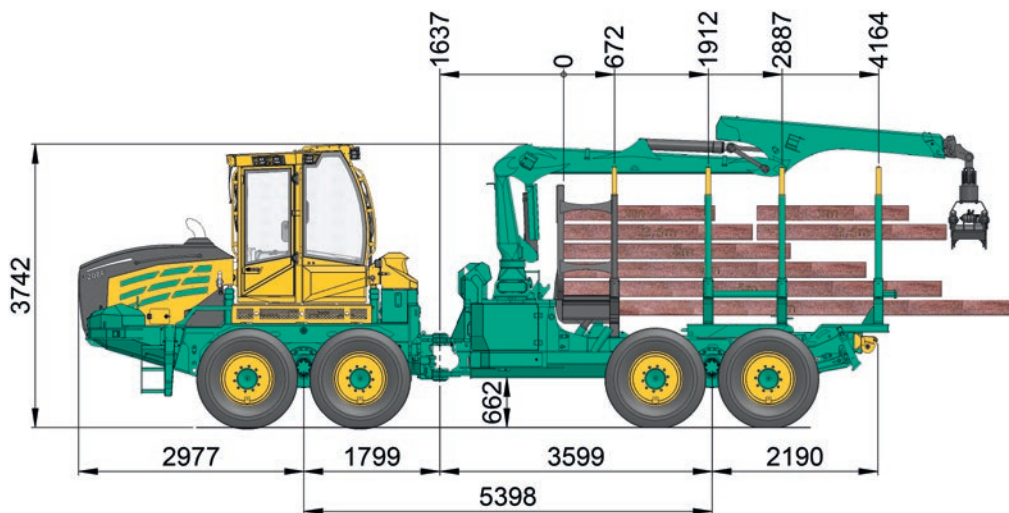
## 208F 14 t Kombi short

6 cylinder



## 208F 14 t Kombi long

6 cylinder



### Weight Kombi short / long:

- 20.000 kg / 20.200 kg

### Load capacity:

- 14 t

### Winches:

- Series: Adler HY 20 (2x100 kN) double-drum-winch  
Max. cable take-up 14 mm, 100 m
- Optional: Adler HY 24-SG (2x120 kN) double-drum-winch  
Max. cable take-up 14 mm, 130 m  
Adler HY 32 L-SG (2x160 kN) double-drum-winch  
Max. cable take-up 14 mm, 170 m

### Crane:

- Series: Epsilon M70 F80
- For further cranes see crane brochure

### Tyres:

- Series: 710 / 45x26,5 min. width: 2850 mm

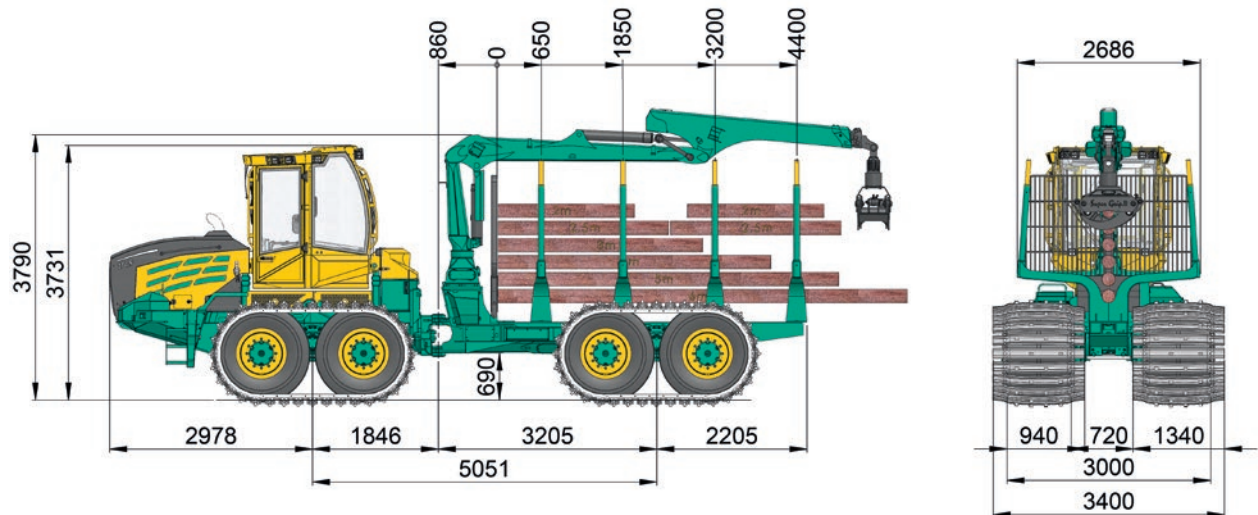
### Standard equipment:

- Grid and first rung demountable
- Last rung demountable and displaceable to loading length:
  - (short) 2,5 m, 3,3 m and 3,76 m
  - (long) 2,9 m, 3,7 m and 4,16 m
- Height-adjustable roller block
- Cross section 3,8 m<sup>2</sup>

### Special equipment:

- Rear blade
- Clambunk with quick-change system
- Twin-rung as 2nd and 3rd rung on quick-change system
- Turnable rung
- Tilttable crane
- Tandem axle lift (Bogie lift) rear
- Other accessories on request



**Engine:**

- VOLVO PENTA  
TAD881VE EU Stage V  
Power: 185 kW (252 HP) from 1600 rpm  
Max. revolution: 1150 Nm from 1100 - 1500 rpm  
Max. torque: 1175 Nm at 1400 rpm  
Displacement: 7,7 liters

## Optional:

- VOLVO PENTA  
TAD882VE EU Stage V  
Power: 210 kW (286 HP) from 1700 rpm  
Max. revolution: 1225 Nm from 1100 - 1600 rpm  
Max. torque: 1255 Nm at 1400 rpm  
Displacement: 7,7 liters

**Transmission:**

- NAF 2-speed transfer gearbox
- HSM High Speed Drive (71 series), 1st gear 0-14 km/h

**Axles:**

- NAF planetary axles
- Front: 100 % selectable differential lock
- Rear: 100 % selectable differential lock

**Brake:**

- 2-circuit brake, disk brake running in an oil bath
- Spring-loaded parking brake

**Steering:**

- Articulated steering with 2 cylinders
- 45° steering angle

**Tyres:**

- |         | Size:      | Total width |
|---------|------------|-------------|
| Series: | 54 x 37-25 | 3000 mm     |

**Tank capacity:**

- Diesel: 190 l
- AdBlue: 45 l
- Hydraulic oil: 130 l

**Hydraulic system:**

- Load sensing
- Variable pump (working pump):  
flow rate: 304 l/min bei 1600 rpm  
pressure: up to max. 350 bar
- Hydraulic oil: saturated synthetic ester  
Panolin HLP SYNTH with Kleenoil  
Microfiltration; WGK 1

**Cabin:**

- Parallel pivoting cab
- ROPS, FOPS, OPS tested safety cab
- Swivel seat with pedals in the rear and the front
- Windscreen wipers in the front and the rear, optional side wipers
- Air cushioned seat with seat heating
- Hot water heating
- Air conditioner

**Electrics / Instruments:**

- HSM Ecommand colour display
- 5 driving programs + factory setting
- Diagnostics function and error display
- Graphical support for editing parameters
- 110 A (28 V) generator
- 2 maintenance-free dry-cell batteries, each with 75 Ah

**Weight:**

- 18.500 kg (series)  
Weight distribution: Front axle: 60 %  
Rear axle: 40 %

**Torsion lock:**

- 2 hydraulic cylinders

**Loading crane:**

- Series: Epsilon M70 F80
- For further cranes see crane brochure

**Loading area:**

- 4 bunks
- Length: 4400 mm
- Cross-section: 3,8 m<sup>2</sup> / Option 4,2 m<sup>2</sup>
- Payload: 11 t

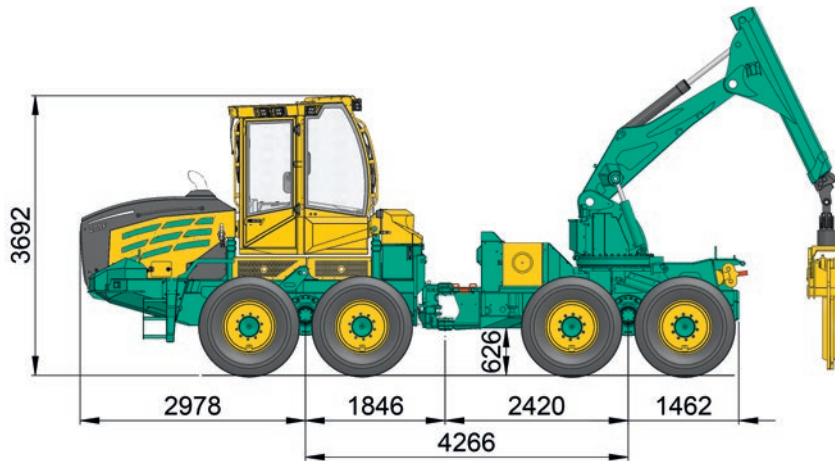
**Standard equipment:**

- 4 LED-working headlight at cabin
- 4 working headlights at crane
- Potential transformer, radio with CD, fire extinguisher, first aid kit, warning triangle, tool kit, cooling box

**Special equipment:**

- Front dozer-blade
- Tandem axle lift (Bogie lift) front
- Single-drum winch 7 t
- Turnable rung, tiltable crane, quick-change system for rungs

# 208Z



### Engine:

- VOLVO PENTA  
TAD881VE EU Stage V  
Power: 185 kW (252 HP) from 1600 rpm  
Max. revolution: 1150 Nm from 1100 - 1500 rpm  
Max. torque: 1175 Nm at 1400 rpm  
Displacement: 7,7 liters

#### Optional:

- VOLVO PENTA  
TAD882VE EU Stage V  
Power: 210 kW (286 HP) ab 1700 rpm  
Max. revolution: 1225 Nm von 1100 - 1600 rpm  
Max. torque: 1255 Nm bei 1400 rpm  
Displacement: 7,7 liters

### Transmission:

- NAF 2-speed transfer gearbox
- HSM High Speed Drive (71 series), 1st gear 0-14 km/h

### Brake:

- Brake with 2-circles, oil-cooled multiple-disc power-brake
- Spring accumulator - parking brake

### Steering:

- Articulated frame steering with 2 cylinders
- 45° steering angle

### Hydraulic system:

- Load sensing
- Variable pump (working pump):  
flow rate: 304 l/min bei 1600 rpm  
pressure: up to max. 350 bar
- Hydraulic oil:  
saturated synthetic ester  
PanolinHLP SYNTH with Kleenoil  
Microfiltration; WGK 1

### Tank capacity:

- Diesel: 190 l
- AdBlue: 45 l
- Hydraulic oil: 130 l

### Winches:

- Serie: Adler HY 20-SG (2 x 100 kN) double-drum-winch  
Max. cable take-up 14 mm, 100 m
- Optional: Adler HY 24-SG (2 x 120 kN) double-drum-winch  
Max. cable take-up 14 mm, 130 m  
Adler HY 32-SG (2 x 160 kN) double-drum winch  
Max. cable take-up 14 mm, 130 m

### Weight:

- 20.000 kg (series)

### Cabin:

- Raisable to side on parallel linkages
- ROPS, FOPS, OPS tested
- Rotary seat with pedals in front and rear
- Wiper in front and rear, optional on the side
- Air cushioned seat with seat heating
- Hot-water heating
- Air conditioning

### Electrics / Instruments:

- HSM Ecomand colour-display
- 5 operator programs + factory setting
- Diagnosis-tool and error-indication
- Graphic support at parameter editing
- Generator 110 A (28 V)
- 2 service-free dry batteries á 75 Ah

### Standard equipment:

- 14 LED-working headlight at cabin
- 4 working headlights at crane
- Reversing camera with color monitor
- Rear headlights
- Potential transformer 24 V - 12 V
- Radio with CD, fire extinguisher, first aid kit, warning triangle, tool kit, cooling box
- Twist lock with 2 hydraulic cylinders

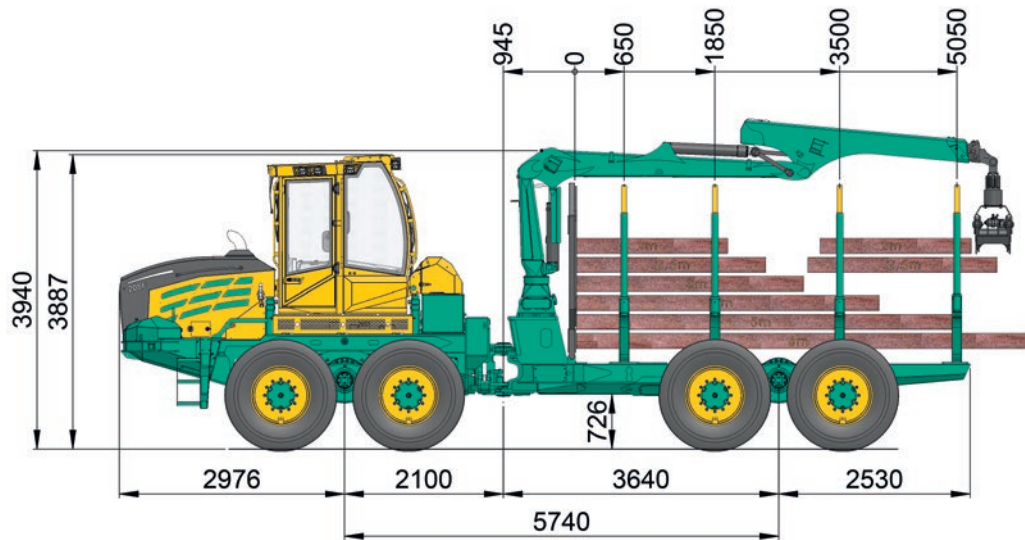
### Special equipment:

- Front dozer-blade
- Straight shield with sprag brake
- Hydraulically height-adjustable roller block
- Tandem axle lift (Bogie lift) in front and rear
- „Skidder France“ version pulley
- Auxiliary heating
- Radio control for winch
- Drive by radio
- Sun blinds
- Hydraulic oil preheating
- Cab suspension
- Other accessories on request

### Crane:

- Articulated arm with double telescope: 7,3 m range
- Gross lifting moment: 260 kNm
- Swivel range: 255°
- Pivoting moment: 80 kNm
- Gripper cross-section: 1,2 m<sup>2</sup>
- Optional: HSM S3 - 7.5 7,5 m range
- HSM S3 - 8.4 8,4 m range
- HSM S3 - 10 10 m range

# 208F 20 t



## Engine:

- VOLVO PENTA  
TAD882VE EU Stage V  
Power: 210 kW (286 HP) from 1700 rpm  
Max. revolution: 1225 Nm from 1100 - 1600 rpm  
Max. torque: 1255 Nm at 1400 rpm  
Displacement: 7,7 liters

### Optional:

- VOLVO PENTA  
TAD884VE EU Stage V  
Power: 250 kW (340 HP) from 1800 rpm  
Max. revolution: 1330 Nm from 1200 - 1800 rpm  
Max. torque: 1360 Nm at 1400 rpm  
Displacement: 7,7 liters

## Transmission:

- NAF 2-speed transfer gearbox
- HSM High Speed Drive (71 series), 1st gear 0-14 km/h

## Axles:

- NAF planetary axles
- Front: 100 % selectable differential lock
- Rear: 100 % selectable differential lock

## Brake:

- 2-circuit brake, disk brake running in an oil bath
- Spring-loaded parking brake

## Steering:

- Articulated steering with 2 cylinders
- 45° steering angle

## Tyres:

- |         | Size:       | Total width |
|---------|-------------|-------------|
| Series: | 750/55-26,5 | 3000 mm     |

## Tank capacity:

- Diesel: 220 l + 65 l
- AdBlue: 45 l
- Hydraulic oil: 170 l

## Hydraulic system:

- Load sensing
- Variable pump (working pump):  
flow rate: 304 l/min at 1600 rpm  
pressure: up to max. 350 bar
- Hydraulic oil: saturated synthetic ester  
Panolin HLP SYNTH with Kleenoil  
Microfiltration; WGK 1

## Cabin:

- Parallel pivoting cab
- ROPS, FOPS, OPS tested safety cab
- Swivel seat with pedals in the rear and the front
- Windscreen wipers in the front and the rear, optional side wipers
- Air cushioned seat with seat heating
- Hot water heating
- Air conditioner

## Electrics / Instruments:

- HSM Ecommand colour display
- 5 driving programs + factory setting
- Diagnostics function and error display
- Graphical support for editing parameters
- 110 A (28 V) generator
- 2 maintenance-free dry-cell batteries, each with 75 Ah

## Weight:

- 21.800 kg (series)  
Weight distribution: Front axle: 60 %  
Rear axle: 40 %

## Torsion lock:

- 2 hydraulic cylinders

## Loading crane:

- Series: Epsilon M70 F80
- For further cranes see crane brochure

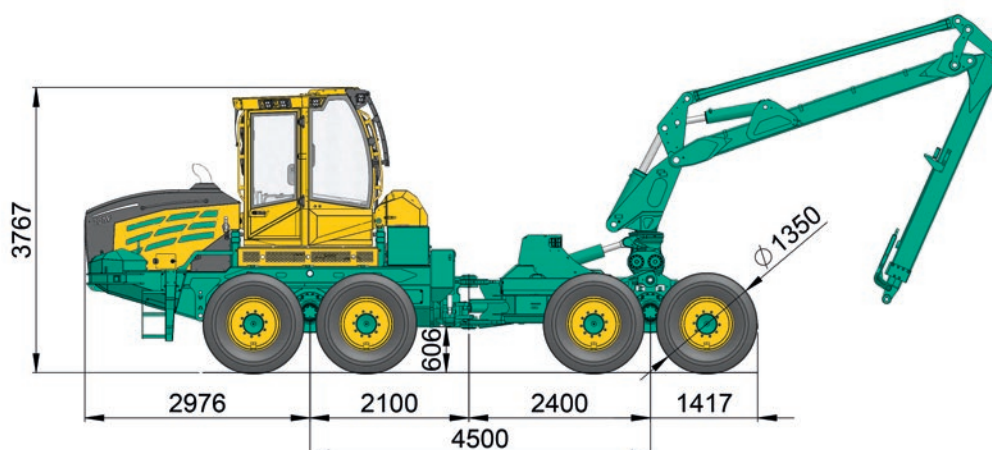
## Loading area:

- 4 bunks
- Length: 4400 mm
- Cross-section: 4,9 m<sup>2</sup> / Option 4,2 m<sup>2</sup>
- Payload: 20 t

## Standard equipment:

- 4 LED-working headlight at cabin
- 4 working headlights at crane
- Potential transformer, radio with CD, fire extinguisher, first aid kit, warning triangle, tool kit, cooling box

# 208H2



## Engine:

- VOLVO PENTA  
TAD882VE EU Stage V  
Power: 210 kW (286 HP) from 1700 rpm  
Max. revolution: 1225 Nm from 1100 - 1600 rpm  
Max. torque: 1255 Nm at 1400 rpm  
Displacement: 7,7 liters

## Transmission:

- NAF 2-speed transfer gearbox
- HSM High Speed Drive (71 series), 1st gear 0-14 km/h

## Axles:

- NAF planetary axles
- Front: 100 % selectable differential lock
- Rear: 100 % selectable differential lock

## Brake:

- 2-circuit brake, disk brake running in an oil bath
- Spring-loaded parking brake

## Steering:

- Articulated steering with 2 cylinders
- 45° steering angle

## Tyres:

- |           |             |              |
|-----------|-------------|--------------|
|           | Size:       | Total width: |
| ▪ Series: | 710/45-26,5 | 3000 mm      |

## Tank capacity:

- |                 |              |
|-----------------|--------------|
| ▪ Diesel:       | 220 l + 65 l |
| ▪ AdBlue:       | 45 l         |
| ▪ Hydraulic oil | 170 l        |

## Hydraulic system:

- Load sensing
- Variable pump (working pump):  
flow rate: 304 l/min at 1600 rpm  
pressure: up to max. 350 bar
- Hydraulic oil: saturated synthetic ester  
Panolin HLP SYNTH with Kleenoil  
Microfiltration; WGK 1

## Cabin:

- Parallel pivoting cab
- ROPS, FOPS, OPS tested safety cab
- Swivel seat with pedals in the rear and the front
- Windscreen wipers in the front and the rear, optional side wipers
- Air cushioned seat with seat heating
- Hot water heating
- Air conditioner

## Crane:

- |                           |             |
|---------------------------|-------------|
| ▪ Mesera M221 H100 / H110 |             |
| Range:                    | 10 m / 11 m |
| Gross lifting moment:     | 188 kNm     |
| Pivoting moment:          | 43,6 kNm    |
| Tiltable:                 | +24°/-30°   |

Optional:

- |                           |                 |
|---------------------------|-----------------|
| ▪ Mesera M240 H103 / H111 |                 |
| Range:                    | 10,3 m / 11,1 m |
| Gross lifting moment:     | 240 kNm         |
| Pivoting moment:          | 54 kNm          |
| Tiltable:                 | +22°/-30°       |

## Aggregate:

- |                               |          |
|-------------------------------|----------|
| ▪ Logmax 6000                 |          |
| Felling diameter:             | 650 mm   |
| Delimiting diameter:          | 500 mm   |
| Max. feed force:              | 26,9 kN  |
| Max. feed force speed:        | 4,2 m/s  |
| Max. operating pressure:      | 280 bar  |
| Weight:                       | 1.330 kg |
| ▪ Control:                    | LOG Mate |
| ▪ Other aggregates on request |          |

## Electrics / Instruments:

- HSM Ecomand colour display
- 5 driving programs + factory setting
- Diagnostics function and error display
- Graphical support for editing parameters
- 110 A (28 V) generator
- 2 maintenance-free dry-cell batteries, each with 75 Ah

## Weight:

- |                      |                  |
|----------------------|------------------|
| ▪ 20.800 kg (series) |                  |
| Weight distribution: | Front axle: 60 % |
|                      | Rear axle: 40 %  |

## Torsion lock:

- 2 hydraulic cylinders

## Standard equipment:

- 4 LED-working headlight at cabin
- 4 working headlights at crane
- Potential transformer, radio with CD, fire extinguisher, first aid kit, warning triangle, tool kit, cooling box