



PRODUCT CATALOG

FOREST MACHINES



**SPECIALLY MADE FOR
THINNINGS AND SOFT
TERRAINS**

FR28



**ONE OF THE BEST
PAYLOAD CAPACITY
ON IT'S CLASS**

**MANY DIFFERENT
OPTIONS FOR MACHINE
DIAMETERS AND
ACCESSORIES**

**POWERFUL F71
MESERA CRANE**

TECHNICAL SPECIFICATION

ENGINE	AGCO Power 49 LFTN-D5
Max. power	140 kW @ 1 900 rpm
Torque	750 Nm @ 1 100 – 1 700 rpm
Fuel tank	220 l
DEF tank	15 l

TRACTIVE FORCE	130 kN
Gear 1	0 – 8 km/h
Gear 2	0 – 25 km/h

TIRES	22.5 in.
Optional tires (width)	600 / 710 / 800
Balanced boggies as optional	

STEERING	Proportional
Turning angle	+/- 45 deg.

HYDRAULICS	
Pump capacity	110 / 140 cm ³
Flow	220 l/min @ 2 000 rpm
Operating pressure	21,5 MPa
Hydraulic tank	125 l

ELECTRIC SYSTEM	
Voltage	24 V
Batteries	2 x 145 Ah
Alternator	100 A
Lights	16+3 pcs.

BOOM	Mesera 71F / Kesla 700
Max. reach	10 / 10,3 m
Gross lifting torque	99 / 70 kNm
Slewing torque	22,7 - 24,4 / 24 kNm
Slewing angle	380 deg.

GRAPPLE	0,26 – 0,30 m ²
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MEASUREMENTS	
Length	8 262 / 8 562 / 8 862 mm
Minimum length	2400 mm
Bogie centre – middle joint	1 850 mm
Middle joint – bogie centre	2 350 / 2 650 / 2 950 mm
Wheelbase	4 200 / 4 500 / 4 800 mm
Width – 710 tyres	2 720 mm
Outer turning radius – 710 tyres	6 610 / 7 029 / 7 449 mm
Transport height	3 730 mm
Ground clearance	620 mm
Min. machine weight	13 000 kg

LOAD SPACE OPTIONS	
Load rating	10 000 kg
Total length	3 800 / 4 100 / 4 400 mm
Load space extension	0 – 600 mm
Load space width	2 212 – 2 680 mm
Load space cross sectional area	3,1 – 4,0 m ²

Please note: this information is nominal and exact numbers may vary according to manufacturing deviation.



**STRONG AND CAPABLE
FORWARDER FOR
VARIABLE CUTTING
SITES AND CONDITIONS**

FR48



LOAD CAPACITY 12TN

14TN BOGGIES

**GOOD VISIBILITY
FROM CABIN**

**MANY DIFFERENT
OPTIONS FOR MACHINE
DIAMETERS AND
ACCESSORIES**

TECHNICAL SPECIFICATION

ENGINE	AGCO Power 49 LFTN-D5	
Max. power	140	kW @ 1 900 rpm
Torque	750	Nm @ 1 100 – 1 700 rpm
Fuel tank	220	l
DEF tank	15	l

TRACTIVE FORCE	170	kN
Gear 1	0 – 8	km/h
Gear 2	0 – 25	km/h

TIRES	26.5	in.
Optional tires (width)	600 / 710 / 800	
Balanced boggies		

STEERING	Proportional	
Turning angle	+/- 45	deg.

HYDRAULICS		
Pump capacity	140	cm ³
Flow	220	l/ min @ 2 000 rpm
Operating pressure	23	MPa
Hydraulic tank	125	l

ELECTRIC SYSTEM		
Voltage	24	V
Batteries	2 x 145	Ah
Alternator	100	A
Lights	16+3	pcs.

BOOM	Mesera 83F	
Max. reach	10	m
Gross lifting torque	106	kNm
Slewing torque	26,1	kNm
Slewing angle	380	deg.

GRAPPLE	0,26 – 0,36	m ²
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MEASUREMENTS		
Length	9 537 / 9 837 / 10 137	mm
Bogie centre – middle joint	1 850	mm
Middle joint – bogie centre	2 970 / 3 270 / 3 570	mm
Wheelbase	4 820 / 5 120 / 5 420	mm
Width – 710 tyres	2 890	mm
Outer turning radius – 710 tyres	7 594 / 8 013 / 8 432	mm
Transport height	3 830	mm
Ground clearance	650	mm
Min. machine weight	16 500	kg

LOAD SPACE OPTIONS		
Load rating	12 000	kg
Total length	4 200 / 4 500 / 4 800	mm
Load space extension	0 – 600	mm
Load space width	2 680 / 2 850	mm
Load space cross sectional area	4,0 / 4,3	m ²

Please note: this information is nominal and exact numbers may vary according to manufacturing deviation.



**MORE POWER AND
PRODUCTIVITY**

FR68



**POWERFUL MACHINE
WITH HIGH TORQUE**

**ROTATING CABIN WITH
EXCELLENT VISIBILITY**

**WIDENING
LOAD SPACE**

TECHNICAL SPECIFICATION

ENGINE		Acco Power 74 LFTN -D5	
Max. power		214	kW / 1 850 rpm
Torque		1 100	Nm @ 1 500 rpm
Fuel tank		360	l
DEF tank		30	l
TRACTIVE FORCE		180	kN
Gear 1		0 - 7	km/h
Gear 2		0 - 20	km/h
TIRES			
Front axle (balanced bogies)		26.5	in.
Rear axle (balanced bogies)		26.5	in.
STEERING		Proportional	
Turning angle		+/-43,5	deg.
HYDRAULICS			
Pump capacity		165	cm ³
Flow		165	l/min @ 1 000 rpm
Operating pressure		24	MPa
Hydraulic tank		145	l
ELECTRIC SYSTEM			
Voltage		24	V
Batteries		2 x 180	Ah
Alternator		2 x 100	A
Lights		10+3	pcs.
BOOM		Mesera 92F	
Max. reach		10	m
Gross lifting torque		130	kNm
Slewing torque		39	kNm
Slewing angle		360	deg.
GRAPPLE		0.36	m ²
CABIN		Rotating	
Rotating angle		350	deg
MEASUREMENTS			
Length		10 005 / 10 605	mm
Bogie centre - middle joint		2 036	mm
Middle joint - bogie centre		3 407 / 4 007	mm
Wheelbase		5 443 / 6 043	mm
Width - 710 tyres		2 890	mm
Outer turning radius - 710 tyres		8 662 / 9 524	mm
Transport height		3 975	mm
Ground clearance		625	mm
Min. machine weight		18 000	kg
LOAD SPACE OPTIONS			
Load rating		14 000	kg
Total length		4 355 (4 955)	mm
Load space extension		0 - 600	mm
Load space width		2 814 (3 344)	mm
Load space cross sectional area		4,3-5,2	m ²

Please note: this information is nominal and exact numbers may vary according to manufacturing deviation.



NEW CONTROL PANELS



TRACKS AND CHAINS



DOZER BLADE





FORWARDERS

- // DOZER BLADE**
 - // TRACKS AND CHAINS**
 - // MULTIPLE OPTIONS**
 - // PC**
 - // Y-LINK**
 - // TAMTRON SCALE**
 - // DAFO AUTOMATIC
FIRE SUPPRESSION**
 - // CENTRAL LUBRICATION**
 - // SAMPO CRANE CONTROL**
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Y-LINK

HARVESTERS

- // TECHNION XLOGGER WITH DIFFERENT
SCREEN SIZES**
- // VALUE BUCKING**
- // MULTIPLE OPTIONS FOR HARVESTER HEAD**
- // STUMP SPRAY SYSTEM**
- // PAINT MARK SYSTEM**
- // TWO DIFFERENT CRANE LENGTHS (HR86)**
- // DAFO AUTOMATIC FIRE SUPPRESSION**
- // CENTRAL LUBRICATION**
- // SAMPO CRANE CONTROL (HR86)**



**OVER 25 YEARS
EXPERIENCE OF YOUNG
FOREST THINNINGS**

HR46X
4WD



**MOST RELIABLE
ENVIRONMENTALLY-
FRIENDLY AND
ECONOMICAL HARVESTER
FOR FIRST THINNING
OF YOUNG FORESTS
ALL AROUND
THE WORLD**

TECHNICAL SPECIFICATION

WEIGHT & DIMENSIONS	Minimum machine weight	9.000 - 10.000 kg
	Length	4950 mm
	Width	2100 - 2400 mm
	Transport height	3200 mm
	Wheelbase	2735 mm
GROUND CLEARANCE		670 mm
ENGINE	Aqco Power 49 LFTN-D5	140 kW @ 1900 rpm
	Torque	750 nM @ 1100-1700 rpm
FUEL TANK		165 l
TRANSMISSION	Type	Hydrostatic
	Turning radius	4020 mm
	Steering angle	50 °
	Speed	0 - 13 km/h
	Traction force	90 kNm
TIRES	Front and rear	540/65-28 or 650/60-26.5
HYDRAULICS	Pump	140 cc
ELECTRICS	Batteries	24V, 2 x 145 Ah
WORKING LIGHTS		17 pic + 5 pic
CRANE	KESLA H671	
	Reach	7,1 m
	Lifting torque, gross	55 kNm
	Turning torque	17 kNm
HARVESTER HEAD		Kesla RH18 , Keto 51
COMPUTER		Technion xLogger / PC
CABIN	Glass 12 mm polycarbonate	FOPS,ROPS,OPS

Please note: this information is nominal and exact numbers may vary according to manufacturing deviation.

HARVESTER HEAD OPTIONS

KESLA
18RH-II



kesla.com

KONE-KETONEN
KETO-51



kone-ketonen.fi



HR46X

6WD

**MORE
PRODUCTIVITY
WITH 10 METER
BOOM**

**AVAILABLE
WITH
KESLA RH18-II
AND KETO-51
HARVESTER
HEADS**

**LIGHT WEIGHT
MACHINE
WITH GOOD
FLOTATION**



HARVESTER HEAD OPTIONS

KESLA

18RH-II



kesla.com



TECHNICAL SPECIFICATION

WEIGHT & DIMENSIONS		
	Minimum weight	12 000 – 13 000 kg
	Length	6245 mm
	Width (710 tires)	2670 mm
	Ground clearance	670 mm
ENGINE	Agco 49 LFTN D5	140 kW @ 1900rpm
	Torgue	750n M @1100-1700 rpm
FUEL TANK		165 L
HYDRAULICS	Pump	140 cc
TIRES	Rear	540/65-28, 710/55-26,5
	Front (22,5inch)	600/50 710/40 800/40
CRANE	Logmer 8-10	10m
HARVESTER HEAD	Kesla 18RH II	



**MIDSIZE CLASS
HARVESTER FOR
THINNINGS AND
FINAL CUTTING**

HR86



**ROTATING AND
LEVELLING CABIN**

**“WIDE RANGE OF
DIFFERENT HARVESTER
HEADS”**

**EASY MAINTENANCE
AND SERVICEABILITY**

TECHNICAL SPECIFICATION

WEIGHT & DIMENSIONS	Minimum machine weight	21 000kg
	Total Length	13 500 mm
	Base Machine length	8 214 mm
	Width	2,670 / 2,890 mm
	Transport height	3 670 mm
	Wheelbase	4 270 mm
GROUND CLEARANCE		650 mm
ENGINE	Acgo Power 74 LFTN -D5	204 kW/1950 rpm, 214 kW/1850 rpm
FUEL TANK		360 l
TRANSMISSION	Hydrostatic-mechanical	with diff. locks.
	Speed	0-20 km/h
	Tractive force	190 kN
TIRES	Front and Rear	26,5 in.
	Optional tires (width)	600 / 710 / 800
HYDRAULICS	Pump	2 x 165 l / 1000 r/min
ELECTRICS	Batteries	24 V , 2 X 180 Ah
WORKING LIGHTS		18 pic
CRANE	Mesera 240H	10.3 or 11.1 meters reach
HARVESTER HEAD		Kesla 26RH-III, Kesla 27RH-III, Kesla 28RH-III, Harvester head AFM55
COMPUTER		Technion xLogger / PC
CABIN	(FOPS;ROPS;OPS)	Rotating and levelling

Please note: this information is nominal and exact numbers may vary according to manufacturing deviation.

HARVESTER HEAD OPTIONS

KESLA

26RH-III



kesla.com

KESLA

27RH-III



kesla.com

KESLA

28RH-III



kesla.com

AFM

AFM 55



afm-forest.fi

KONE-KETONEN

KETO 150



kone-ketonen.fi



RELIABLE AND DURABLE

– MADE FOR PROFESSIONALS

CONTACT YOUR OWN DEALER



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