



The company ENTRACON focuses on the manufacture, sale, service and development of small- and medium-sized ecological forest machines, which can be easily converted to multi-purpose machines in forest management. These are mainly forwarders and harvesters, all of them with an eight-wheeled driven undercarriage, which enables the machine to be fitted with wheel-and-caterpillars. The machines' parameters fulfil the conceptions of nonviolent, efficient and considerate performance of formative interventions or processing of wood mass, with emphasis on the ecology of timber harvesting and dragging, with low operating cost and high traction force, intended also for very difficult grounds.

Entracon this way continues the commenced trend of the manufacture of professional technology of high technical performance, high reliability, minimum operating costs, very comfortable for operators and considerate to the environment.

The mentioned characteristics certainly make the machine suitable for application not only in thinning, advance felling, but also in biomass production. So far, heavier machines have been used for such work.



As its aim, our company has set out to be the leader on the market of thinning machines. Today we manufacture 3 types of harvesters of different sizes. These are primarily intended for first formative interventions, thinning and advance felling, but can be used also in the production of logging scraps (biomass) intended for the consequent production of wood chips. The aim was to manufacture ecological machines of great slope accessibility, great stability and possibly best parameters in the given category on the market. The machines develop a very small pressure on the soil and a very big traction force. If necessary, also track and wheel set can be mounted on the machines, and this will enable the machine to work also on waterlogged grounds and to eliminate the pressure on the ground even more.

TECHNICAL DATA ENTRACON EH30

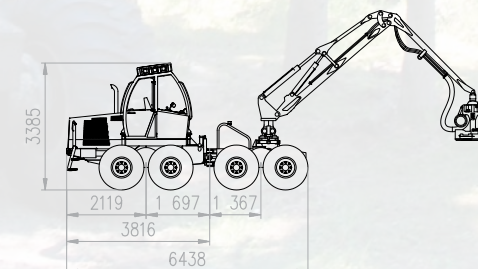
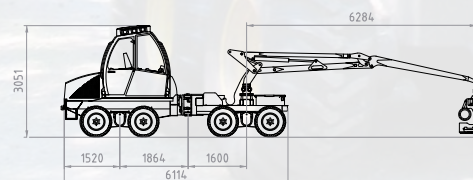
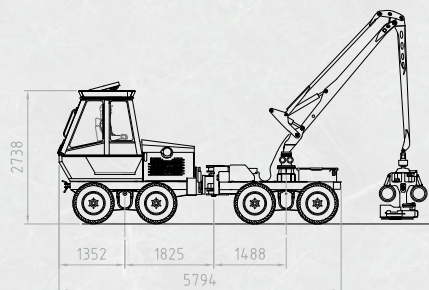
DIESEL ENGINE	Kubota V3600
Power Outout (kW) @ (rpm)	49,8 or 72,8 on 2600
TRANSMISSION	hydrostatic
Tractive Force (kN)	78
HYDRAULIC CRANE	Mowi P 30, P 40, 4567
Maximum Reach Lengths (m)	5,6 - 6,2 - 6,7
Gross Lifting Torque (kNm)	29 - 36 - 46
Slewing Torquet (kNm)	8,5 - 12
MEASURING AND CONTROL SYSTEM	EPEC Herman (Motomit)
HARVESTER HEADS	KETO FORST - KETO 51 - PATU 355 RH
Maximum cut capacity (mm)	300 - 370 - 400
Calculated feed force (kN)	10
Calculated feed speed (m/s)	5
Weight (kg)	280 - 390 - 335
HYDRAULICS	2 hydraulic circuit - work, travel
DIMENSIONS (mm)* Length	5800
Width 400 mm tyres	1 806
Width 500 mm tyres	2 006
Height	2 750
WEIGHT (kg)	5 250

TECHNICAL DATA ENTRACON EH40

DIESEL ENGINE	Kubota V3600
Power Outout (kW) @ (rpm)	63 or 72,8 on 2600
TRANSMISSION	hydrostatic
Tractive Force (kN)	78
HYDRAULIC CRANE	Mowi P 30, P 40, 4567
Maximum Reach Lengths (m)	5,6 - 6,2 - 6,7
Gross Lifting Torque (kNm)	29 - 36 - 46
Slewing Torquet (kNm)	8,5 - 12
MEASURING AND CONTROL SYSTEM	EPEC Herman (Motomit)
HARVESTER HEADS	KETO FORST - KETO 51 - PATU 355 RH
Maximum cut capacity (mm)	300 - 370 - 400
Calculated feed force (kN)	10
Calculated feed speed (m/s)	5
Weight (kg)	280 - 390 - 335
HYDRAULICS	2 hydraulic circuit - work, travel
DIMENSIONS (mm)* Length	5 800
Width 400 mm tyres	1 870
Width 500 mm tyres	2 070
Height	3051
WEIGHT (kg)	5 450

TECHNICAL DATA ENTRACON EH50

DIESEL ENGINE	John Deere 4045 HF		
Power Outout (kW) @ (rpm)	93 on 2000		
TRANSMISSION	hydrostatic- 3-speed Automatic Gearbox		
Tractive Force (kN)	78		
HYDRAULIC CRANE	Mowi 900	Mowi 900L	Kesla 1395h
Maximum Reach Lengths (m)	7,6	9	9,6
Gross Lifting Torque (kNm)	95	95	100
Slewing Torquet (kNm)	22	22	39
MEASURING AND CONTROL SYSTEM	DASA 4, LogMate IT (Motomit), APTOR		
HARVESTER HEADS	LOGMAX 928	LOGMAX 4000	
Maximum cut capacity (mm)	420	500	
Calculated feed force (kN)	15,6	20,5	
Calculated feed speed (m/s)	3,7	4,2	
Weight (kg)	424	629	
HYDRAULICS	2 hydraulic circuit - work, travel		
DIMENSIONS (mm)* Length	6438		
Width 400 mm tyres	1900		
Width 500 mm tyres	2100		
Width 600 mm tyres	2300		
Height	3385		
WEIGHT (kg) - Podle vyb.	9500		



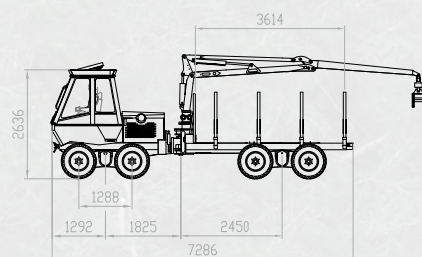
* Note! The DIMENSIONS are nominal and may vary depending on the manufacturing tolerances.

INDIANS WHO DO NOT LEAVE FOOTPRINTS IN THE FOREST

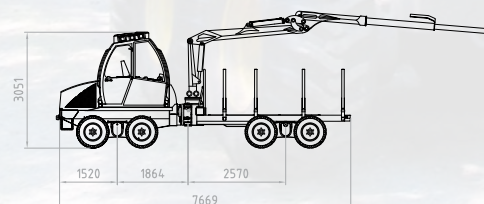


We manufacture 3 sizes of Forwarders, as well. From 4.5 tons to 7.5 tons, of medium category, intended for the transport of logs from 2 to 5 meters. The focus of application are thinning stands under and over 40 years, unregulated felling, formative interventions and advance felling, with application for the biomass production as well. What applies to our harvesters, applies in the same measure also to the clam bunk skidders. They dispose of great stability, slope accessibility, traction force and low pressure developed onto the ground. All Forwarders can be fitted with track and wheel set.

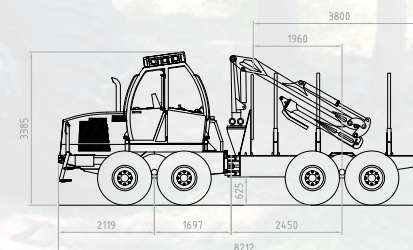
TECHNICAL DATA ENTRACON EF45	
LOADING CAPACITY (kg)	4500
DIESEL ENGINE	Kubota V3600
Power Outout (kW) @ (rpm)	49,8 on 2 600
TRANSMISSION	hydrostatic
STEERING	Proportional Frame Steering
BRAKES	Service and working brakes are hydraulically actuated oil-immersed multi-disc brakes
AXLES/BOGIES	Electronic - hydraulically
Front	Balanced gear bogie axles from hydromotor
Rear	Balanced gear bogie axles from hydromotor
HYDRAULICS	2 hydraulic circuit - work, travel
HYDRAULIC CRANE	Movi P20, Moheda M40
Maximum Reach Lengths (m)	4,8 - 6,6
Gross Lifting Torque (kNm)	20
Slewing Torque (kNm)	4,8
DIMENSIONS (mm)* Length	5800
Width 400 mm tyres	1 806
Width 500 mm tyres	2 006
Height	2 750
WEIGHT (kg)	5 250



TECHNICAL DATA ENTRACON EF60	
LOADING CAPACITY (kg)	6000
DIESEL ENGINE	Kubota V3600
Power Outout (kW) @ (rpm)	49,8 on 73
TRANSMISSION	hydrostatic- 4 speed Automatic Gearbox
STEERING	Proportional
BRAKES	Service and working brakes are hydraulically actuated oil-immersed multi-disc brakes
AXLES/BOGIES	Electronic - hydraulically differential lock at the front and the rear
Front	Balanced gear bogie axles from hydromotor
Rear	Balanced gear bogie axles from hydromotor
HYDRAULICS	2 hydraulic circuit - work, travel
HYDRAULIC CRANE	Mowi P30, P40, 4567, Moheda M40, Cranab EC45T, DT
Maximum Reach Lengths (m)	5,6 - 6,2 - 6,7 - 6,6 - 6,2 - 8,0
Gross Lifting Torque (kNm)	29 - 36 - 46 - 36 - 45
Slewing Torque (kNm)	8,5 - 12 - 8,5 - 13,5
DIMENSIONS (mm)* Length	7682
Width 400 mm tyres	1 970
Width 500 mm tyres	2 070
Height	3051
WEIGHT (kg)	5 650



TECHNICAL DATA ENTRACON EF75		
LOADING CAPACITY (kg)	7500	
DIESEL ENGINE	John Deere 4045 HF	
Power Outout (kW) @ (rpm)	96 on 2000	
TRANSMISSION	hydrostatic- 3-speed Automatic Gearbox	
Tractive Force (kN)	78	
STEERING	Proportional	
BRAKES	Service and working brakes are hydraulically actuated oil-immersed multi-disc brakes	
AXLES/BOGIES	Electronic - hydraulically	
Front	Balanced gear bogie axles from hydromotor	
Rear	Balanced gear bogie axles from hydromotor	
HYDRAULICS	2 hydraulic circuit - work, travel	
HYDRAULIC CRANE	CRANAB FC53	CRANAB FC53 combi
Maximum Reach Lengths (m)	6,5	8,5
Gross Lifting Torque (kNm)	53	53
Slewing Torque (kNm)	12	12
DIMENSIONS (mm)* Length	8 212	
Width 500 mm tyres	2 100	
Width 600 mm tyres	2 300	
Height	3 385	
WEIGHT (kg)	8 150	



* Note! The DIMENSIONSnts are nominal and may vary depending on the manufacturing tolerances.



ENTRACON prepare dual harwarders where introduce new efficiency and flexibility to wood harvesting. A single machine can be quick transformed in a few minutes from an efficient harvester into a powerful forwarder, and vice versa.

Our machines can use also for bioenergy. The economical harvesting of energy wood calls for effective, productive methods. Products make the harvesting of energy and small wood flexible and efficient. Energy wood can be harvested simultaneously with industrial wood, cut separately, or the harvesting equipment can be harnessed solely for the harvesting of industrial wood, where necessary. The mechanically or hydraulically variable load areas enable the best possible utilisation of the load area. Equipped with suitable accessories, offer a solution to be used in combined industrial and energy wood harvesting.

TECHNICAL DATA ENTRACON EC45

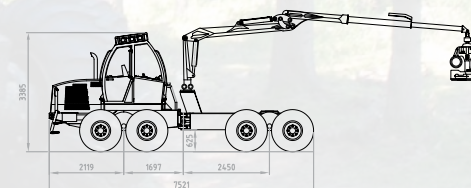
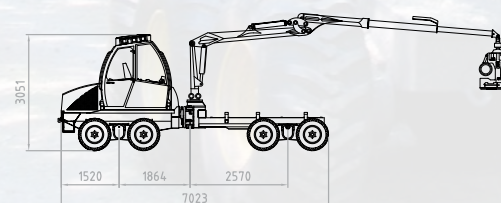
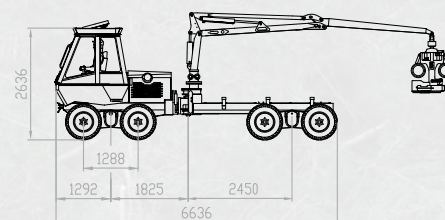
LOADING CAPACITY (kg)	4 500
DIESEL ENGINE	Kubota V3600
Power Outout (kW) @ (rpm)	63 on 2 600
HYDRAULIC CRANE	Mowi P 30, P 40, 4567
Maximum Reach Lengths (m)	5,6 - 6,2 - 6,7
Gross Lifting Torque (kNm)	29 - 36 - 46
Slewing Torque (kNm)	8,5 - 12
MEASURING AND CONTROL SYSTEM	Motomit IT, EPEC Herman
HARVESTER HEADS	KETO FORST
Maximum cut capacity (mm)	300
Calculated feed force (kN)	10
Calculated feed speed (m/s)	5
DIMENSIONS (mm)*	
Length forwarder	7 286
Length harvester	6 586
Width 400 mm tyres	1 870
Width 500 mm tyres	2 070
Height	2 636
WEIGHT (kg)	
Weight forwarder	5 858
Weight harvester	5 100

TECHNICAL DATA ENTRACON EC60

LOADING CAPACITY (kg)	6 000
DIESEL ENGINE	Kubota V3600
Power Outout (kW) @ (rpm)	72,8 on 2 600
HYDRAULIC CRANE	Mowi P 30, P 40, 4567
Maximum Reach Lengths (m)	5,6 - 6,2 - 6,7
Gross Lifting Torque (kNm)	29 - 36 - 46
Slewing Torque (kNm)	8,5 - 12
MEASURING AND CONTROL SYSTEM	Motomit IT, EPEC Herman, DASA
HARVESTER HEADS	KETO FORST KETO S1 LogMax 928
Maximum cut capacity (mm)	300 370 420
Calculated feed force (kN)	10 10 15,6
Calculated feed speed (m/s)	5 5 3,7
DIMENSIONS (mm)*	
Length forwarder	7 669
Length harvester	6 969
Width 400 mm tyres	1 870
Width 500 mm tyres	2 070
Height	3 051
WEIGHT (kg)	
Weight forwarder	6 550
Weight harvester	5 800

TECHNICAL DATA ENTRACON EC75

LOADING CAPACITY (kg)	7 500
DIESEL ENGINE	John Deere 4045 HF
Power Outout (kW) @ (rpm)	93 on 2 000
HYDRAULIC CRANE	CRANAB FC53 CRANAB FC53 combi
Maximum Reach Lengths (m)	6,5 8,5
Gross Lifting Torque (kNm)	53 53
Slewing Torque (kNm)	12 12
MEASURING AND CONTROL SYSTEM	Motomit IT, EPEC Herman, DASA
HARVESTER HEADS	KETO S1 LogMax 928
Maximum cut capacity (mm)	370 420 - 500
Calculated feed force (kN)	10 15,6 - 20,5
Calculated feed speed (m/s)	5 3,7 - 4,2
DIMENSIONS (mm)*	
Length forwarder	8 212
Length harvester	7 512
Width 400 mm tyres	2 100
Width 500 mm tyres	2 300
Height	3 385
WEIGHT (kg)	
Weight forwarder	10 250
Weight harvester	9 500



* Note! The DIMENSIONS are nominal and may vary depending on the manufacturing tolerances.

INDIANS WHO DO NOT LEAVE FOOTPRINTS IN THE FOREST



Technical data	EH 30		EH 40		EH 50		
DIESEL ENGINE	Kubota V3600		Kubota V3600		John Deere 4045 HF		
Power Outout (kW) @ (rpm)	49,8 or 72,8 on 2600		54,5 or 72,8 on 2 600		96 on 2000		
Torque (Nm) @ (rpm)	260 or 328 on 1450		260 or 328 on 1 450		540 on 1400		
Fuel Tank (l)	50		50		260		
TRANSMISSION	hydrostatic						
	4-speed Automatic Gearbox			3-speed Automatic Gearbox			
Speed mode 1 (km/h)	0 - 5		0 - 5		0 - 5		
Speed mode 2 (km/h)	0 - 12		0 - 12		0 - 12		
Speed mode 3 (km/h)	0 - 26		0 - 26		0 - 24		
Tractive Force (kN)	78		78		78		
STEERING	Proportional						
Úhel STEERING +/- (°)	45		45				
BRAKES	Service and working brakes are hydraulically actuated oil-immersed multi-disc brakes						
AXLES/BOGIES	Electronic - hydraulically						
Front	Balanced gear bogie axles from hydromotor						
Rear	Balanced gear bogie axles from hydromotor						
ELECTRICAL SYSTEM							
Voltage	24V		24V		24 V		
Batteries	140 Ah		140 Ah		2x140 Ah		
Alternator	96A		96 A		140 A		
Working Lights	8 lights		14 lights		14 lights		
HYDRAULICS	2 hydraulic circuit - work, travel						
Pump Travel Volume (cm³)	55		55		105		
Traveling Pressure (Mpa)	40		40		40		
Pump Work Volume (cm³)	45		60 - 75		105		
Working Pressure (Mpa)	20		21		21 - 23		
Hydraulic Tank (l)	80		120		260		
HYDRAULIC CRANE	Mowi P 30, P 40, 4567		Mowi P 30, P 40, 4567		MOWI 900	MOWI 900L	KESLA 1395h
Maximum Reach Lengths (m)	5,6 - 6,2 - 6,7		5,6 - 6,2 - 6,7		7,6	9	9,6
Gross Lifting Torque (kNm)	29 - 36 - 46		29 - 36 - 46		95	95	100
Slewing Torquet (kNm)	8,5 - 12		8,5 - 12		22	22	39
Tilt Angle (°)	0		0		-24 / +24	-24 / +24	0
Slewing Angle (°)	230		230		230	230	230
MEASURING AND CONTROL SYSTEM	EPEC HERNAN Motomit				DASA, APTOR, LogMate IT (Motomit)		
HARVESTER HEADS	KETO FORST - KETO 51 - PATU 355 RH				LOGMAX 928	LOGMAX 4000	
Maximum cut capacity (mm)	300 - 370 - 400		300 - 370 - 400		420	500	
Calculated feed force (kN)	10		10		15,6	20,5	
Calculated feed speed (m/s)	5		5		3,7	4,2	
Weight (kg)	280 - 390 - 335		280 - 390 - 335		424	629	
DIMENSIONS (mm)*							
Length	5794		6114		6 438		
Width 400 mm tyres	1806	1806	1870	1 806	1 900		
Width 500 mm tyres	2006	2006	2 070	2 006	2 100		
Width 600 mm tyres					2 300		
Height	2750		3 051		3 385		
WEIGHT (kg)	5 250		5 450		9 500		

* Note! The DIMENSIONSnts are nominal andmayvary depending on the manufacturing tolerances.

Technical data	EF 45	EF 60	EF 75
LOADING Capacity (kg)	4500	6000	7000
DIESEL ENGINE	Kubota V3600	Kubota V3600	John Deere 4045 HF
Power Outout (kW) @ (rpm)	49,8 on 2600	49,5 on 73	96 on 2000
Torque (Nm) @ (rpm)	260 or 328 on 1 450	260 on 1450	540 on 1400
Fuel Tank (l)	50	100	260
TRANSMISSION	hydrostatic- 4-speed Automatic Gearbox		
Travel mode	Speed mode 1 - 4 (km/h)	0 - 20	0 - 25
Operating mode	Speed mode 1 (km/h)	0 - 8	0 - 4
	Speed mode 2 (km/h)	0 - 16	0 - 8
	Speed mode 3 (km/h)	0 - 16	0 - 16
	Speed mode 4 (km/h)	0 - 24	0 - 24
Tractive Force (kN)	78	78	78
STEERING	Proportional		
Úhel STEERING +/- (°)	45	43	45
BRAKES	Service and working brakes are hydraulically actuated oil-immersed multi-disc brakes		
AXLES/BOGIES	Electronic - hydraulically		
Front	Balanced gear bogie axles from hydromotor		
Rear	Balanced gear bogie axles from hydromotor		
ELECTRICAL SYSTEM			
Voltage	12V	24V	24 V
Batteries	140 Ah	140 Ah	2x120 Ah
Alternator	95 A	96 A	140 A
Working Lights	14 lights	14 lights	14 lights
HYDRAULICS	2 hydraulic circuit - work, travel		
Pump Travel Volume (cm³)	55	55	105
Traveling Pressure (Mpa)	40	40	40
Pump Work Volume (cm³)	45	60	75
Working Pressure (Mpa)	20	20	21
Hydraulic Tank (l)	120	120	230
HYDRAULIC CRANE	Mowi P20 Moheda M40	Mowi P30, P40, 4567, Mohe- da M40, Cranab EC45T, D	CRANAB FC53 CRANAB FC53 combi
Maximum Reach Lengths (m)	4,8 - 6,6	5,6 - 6,2 - 6,7 - 6,6 - 6,2 - 8,0	6,5 8,5
Gross Lifting Torque (kNm)	20	29 - 36 - 46 - 36 - 45	53 53
Slewing Torque (kNm)	4,8	8,5 - 12 - 8,5 - 13,5	12 12
Slewing Angle (°)	360	230	380 380
DIMENSIONS (mm)*			
Length	7 286	7 682	8 212
Width 400 mm tyres	1 800	1 970	2 100
Width 500 mm tyres		2 070	2 300
Ground clearance (mm)	560	560	
Height			611
Height	2 636	3 051	3385
Area (m²)	1,75	2,62	3,12
WEIGHT (kg)	5 350	5 650	8 150

Technical data	EC 45	EC 60	EC 75
LOADING Capacity (kg)	4 500	6 000	7 500
DIESEL ENGINE	Kubota V3600	Kubota V3600	John Deere 4045 HF
Power Outout (kW) @ (rpm)	63 on 2600	72,8 on 2 600	93 on 2000
Torque (Nm) @ (rpm)	290 on 1450	328 on 1 450	540 on 1400
Fuel Tank (l)	50	50	260
HYDRAULIC CRANE	Mowi P 30, P 40, 4567	Mowi P 30, P 40, 4567	CRANAB FC53 CRANAB FC53 combi
Maximum Reach Lengths (m)	5,6 - 6,2 - 6,7	5,6 - 6,2 - 6,7	6,5 8,5
Gross Lifting Torque (kNm)	29 - 36 - 46	29 - 36 - 46	53 53
Slewing Torque (kNm)	8,5 - 12	8,5 - 12	12 12
Slewing Angle (°)	360	360	380 380
MEASURING AND CONTROL SYSTEM	Motomit IT, EPEC Herman	Motomit IT, EPEC Herman, DASA	
HARVESTER HEADS	KETO FORST	KETO FORST	KETO 51 LogMax 928 KETO 51 LogMax 928 - 4000
Maximum cut capacity (mm)	300	300	370 420 - 500
Calculated feed force (kN)	10	10	10 15,6 10 15,6 - 20,5
Calculated feed speed (m/s)	5	5	5 3,7 3,7 3,7 - 4,2
DIMENSIONS (mm)*			
Length forwarder	7 286	7 669	8 212
Length harvester	6 586	6 969	7 512
Width 400 mm tyres	1 870	1 870	
Width 500 mm tyres- standart	2 070	2 070	2 100
Width 600 mm tyres			2 300
Ground clearance (mm)	560	560	611
Height	2 636	3 051	3 385
WEIGHT (kg)			
Weight forwarder	5 850	6 550	10 250
Weight harvester	5 100	5 800	9 500
Depending on Accessorising			8 105



* Note! The DIMENSIONSnts are nominal andmayvary depending on the manufacturing tolerances.

