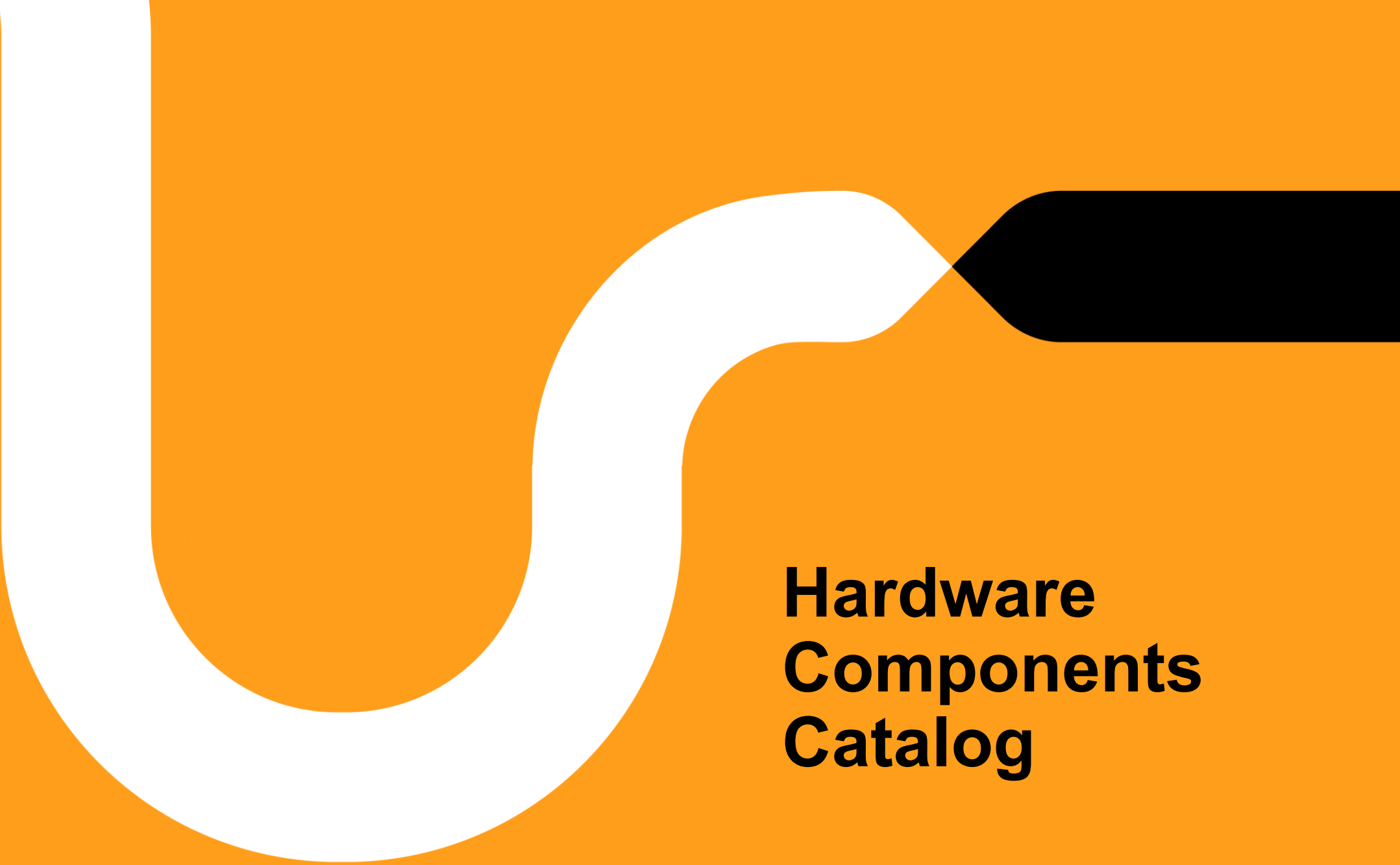




Hardware Components Catalog

I. Power units: diesel engines and their parts



Diesel engine CAT 3512B HD SC

Unit No.: PWG00215

Production date: 2008.05.16

Output before R3 repair: ~54093 mh

Last repair date: 2022

Condition: used, R3 repair performed.

Full set

Price: 70 000 EUR

No.	Name	Parameter
1	Type	CAT 3512B HD SC
2	Nominal Power	1700 kW
3	Minimum Idling Speed	600 1/min
4	Nominal Speed	1800 1/min
5	Cylinder Bore Diameter	170 mm
6	Piston Stroke	190 mm
7	Cylinder Working Volume (Total)	58,5 dm3
8	Weight	7150 kg
9	Cooling	su viršslėgiu, dviejų apsukų, vandeniu



Diesel engine CAT 3512B HD SC

Unit No.: PWG00171

Production date: 2008.05.16

Output before R3 repair: ~63220 mh:

Last repair date: 2022

Condition: used, R3 repair performed.

Full set

Price: 70 000 EUR

Eil. Nr.	Pavadinimas	Parametras
1	Tipe	CAT 3512B HD SC
2	Nominal power	1700 kW
3	Minimum Idling Speed	600 1/min
4	Nominal Speed	1800 1/min
5	Cylinder Bore Diameter	170 mm
6	Piston Stroke	190 mm
7	Cylinder Working Volume (Total)	58,5 dm3
8	Weight	7150 kg
9	Cooling	su viršslėgiu, dviejų apsukų, vandeniu



Diesel engine CAT 3512B HD SC

Unit No.: PWG00166

Production date: 2006.01.09

Mileage: 66807 mh:

Last repair date: 2021, R3,
mileage after repair 3585 mh

Condition: used, needs major
repairs

Full set

Price: 70 000 EUR

Eil. Nr.	Pavadinimas	Parametras
1	Tipas	CAT 3512B HD SC
2	Nominali galia	1700 kW
3	Minimalus tuščiosios eigos greitis	600 1/min
4	Nominalus greitis	1800 1/min
5	Cilindro kiaurymių skersmuo	170 mm
6	Stūmoklio eiga	190 mm
7	Cilindro darbinis tūris (bendras)	58,5 dm ³
8	Svoris	7150 kg
9	Aušinimas	su viršslėgiu, dviejų apsukų, vandeniu



Diesel engine CAT 3512B HD SC

Unit No.: PWG00191

Production date: 2006.09.25

Output before R3 repair: ~63000 mh:

Last repair date: 2022, R3.

Condition: used

Full set

Price: 70 000 EUR

Eil. Nr.	Pavadinimas	Parametras
1	Tipas	CAT 3512B HD SC
2	Nominali galia	1700 kW
3	Minimalus tuščiosios eigos greitis	600 1/min
4	Nominalus greitis	1800 1/min
5	Cilindro kiaurymių skersmuo	170 mm
6	Stūmoklio eiga	190 mm
7	Cilindro darbinis tūris (bendras)	58,5 dm ³
8	Svoris	7150 kg
9	Aušinimas	su viršslėgiu, dviejų apsukų, vandeniu



PISTON 5550301518 MTU (23 pcs.)

Condition: new

MTU 5550301518
Diameter size (mm): 165
Description
Piston for MTU 396 series engines
Compatible liner: 5550114610

Unit price: 1400 EUR



PISTON CYLINDER 299-5204 CATERPILLAR (24 pcs.)

Condition: new

Part Number 299-5204 Description
Description:

Pistons are components of reciprocating engines that are connected to the crankshafts by connecting rods.

Features:

Cat® parts are manufactured to exacting specifications and are designed to be durable, reliable, efficient, environmentally friendly, and reusable.

Part Number 299-5204 Specifications

Width (mm): 237.82

Height (mm): 231.14

Material: Copper Alloy, Alloy Steel

Length (mm): 237.82

Unit price: 1300 EUR



SHAFT 1807415 CATERPILLAR (10 pcs.)

Part Number 180-7415 Description

The pump drive shaft assembly allows the pump to generate fluid flow. The drive shaft is made of durable material. It is designed to withstand the torque and torsional forces exerted during operation. This assembly contains a bearing that supports the shaft and reduces friction during rotation.

Features:

- Provides a mechanism to transmit power
- Provides a strong structure to withstand stress

Purpose:

The pump drive shaft assembly is used to transmit rotational power from the drive source to the pump impeller.

Part Number 180-7415 Specifications

Weight (kg): 5.29

Wire Thickness: 0

Condition: new

Unit price: 1050 EUR



PISTON CYLINDER 299-5204 CATERPILLAR (48 pcs.)

Part Number 172-0919 Description

Description:

Crown pins are important parts of pistons that are connected to crankshafts by connecting rods

Part Number 172-0919 Specifications

Width (mm): 237.82

Height (mm): 231.14

Material: Copper alloy, steel alloy

Length (mm): 237.82

Condition: new

Unit price: 1300 EUR



NOZZLE 10R3258/20R1273 CATERPILLAR (112 pcs.)

Condition: new

20R-1273 Part Specifications
Width (mm): 139.7
Height (mm): 76.2
Material: Grease (lanolin, silicone)
Length (mm): 375.9

Unit price: 870 EUR



COMPENSATOR 3107552 CATERPILLAR (36 pcs.)

Condition: new

Description:
Exhaust bellows connect the exhaust pipes and sequential turbochargers.
Specifications for part number 310-7552
Width (mm): 160.02
Material description: Stainless steel
Height (mm): 114.3
Material: Stainless steel
Length (mm): 160.02

Unit price: 290 EUR



COMPENSATOR 2071364 CATERPILLAR (70 pcs.)

Condition: new

315 / 5 000

Description:

Exhaust bellows connect the exhaust pipes and sequential turbochargers.

Specifications for part number 207-1364

Width (mm): 147.32

Material description: Stainless steel

Height (mm): 190.5

Material: Stainless steel, structural steel

Length (mm): 147.32

Unit price: 270 EUR



Diesel engine 5-26DG-01

Unit No.: 155

Production date: 2006.02.12

Total output, km: 916103 km

Date of last major repair: 2011.05.31

Condition: used

Price: 38 500 EUR

Total diesel engine power - 1470/2000) kW/HP
Crankshaft rotation speed - 750 rpm
Diesel generator weight - 24000 kg.
Diesel generator overall dimensions - 6200x1820x2893 (LxWxH), mm.
Specific fuel consumption at full power - 1.23 g/kWh.
Specific oil consumption for waste at full power - 202.5 g/kWh.
Hourly fuel consumption at idle - 9.0 kg/h.
Specific oil consumption at full power - 1.1 g/kWh.
The resource before the first bulkhead is 300,000 km of mileage.
The resource before overhaul - 1,500,000 km of mileage.



Diesel engine 5-26DG-01

Agregato Nr.: 156

Production date: 2006.02.27

Total output, km: 929208 km

Date of last major repair: 2011.05.31

Condition: used

Price: 38 500 EUR

Bendra dyzelinio variklio galia - 1470/2000) kW/AG
Alkūninio veleno sukimosi greitis - 750 aps./min.
Dyzelinio generatoriaus svoris - 24000 kg.
Dyzelinio generatoriaus bendrieji matmenys - 6200x1820x2893 (IxPxH), mm.
Savitosios degalų sąnaudos esant pilnai galiai - 1,23 g/kWh.
Savitosios alyvos sąnaudos atliekoms esant pilnai galiai - 202,5 g/kWh.
Valandinės degalų sąnaudos tuščiaja eiga - 9,0 kg/val.
Savitosios alyvos sąnaudos esant pilnai galiai - 1,1 g/kWh.
Ištekčiai iki pirmosios pertvaros yra 300 000 km rida.
Ištekčiai prieš kapitalinį remontą - 1 500 000 km rida.



Diesel engine 5-26DG-01

Unit No.: 131

Production date: 2006.07.22

Total output, km: 133844 km

Condition: used, long standing

Unit price: 38 500 EUR

Total diesel engine power - 1470/2000) kW/HP
 Crankshaft rotation speed - 750 rpm
 Diesel generator weight - 24000 kg.
 Diesel generator overall dimensions -
 6200x1820x2893 (LxWxH), mm.
 Specific fuel consumption at full power - 1.23 g/kWh.
 Specific oil consumption for waste at full power -
 202.5 g/kWh.
 Hourly fuel consumption at idle - 9.0 kg/h.
 Specific oil consumption at full power - 1.1 g/kWh.
 The resource before the first bulkhead is 300,000 km
 of mileage.
 The resource before overhaul - 1,500,000 km of
 mileage.

II. Generators and auxiliary units



Main generator DSG 86 M1-4/AVK SEG

Assembly No.: 8126745B202

Production date: 2004.11.12

Last repair date: 2020.10.11, ER3
+P7

Condition: used, needs KR2 and
R3 repair

Weight of dismantled component,
kg: 5150

Full set

Price: 17 500 EUR

No	Name	Parameter
1	Type	AVK DS G86 M1-4
2	Nominal Power	2585 kW
3	Nominal Speed	1800 1/min
4	Nominal voltage	425 V
5	Rated current	3512 A
6	Frequency	60 Hz
7	Protection class	IP 23
8	Cos φ	0,95
9	Cooling system	Forced ventilation



Main generator DSG 86 M1-4/AVK SEG

Assembly No.: 8128172A102

Production date: 2007.02.05

Last repair date: 2019.08.23

Condition: used, needs KR2 and R3
repair

Weight of dismantled component, kg:
5150

Full set

Price: 17 500 EUR

No	Name	Parameter
1	Type	AVK DS G86 M1-4
2	Nominal Power	2585 kW
3	Nominal Speed	1800 1/min
4	Nominal voltage	425 V
5	Rated current	3512 A
6	Frequency	60 Hz
7	Protection class	IP 23
8	Cos φ	0,95
9	Cooling system	Forced ventilation



**Main generator DSG
86 M1-4/AVK SEG**

Assembly No.: 8127542C202

Date of manufacture : 2006

Last repair date: 2019.12.09
KR2+ R3.

Condition: used, needs repair.

Weight of dismantled component,
kg: 5150

Full set

Price: 17 500 EUR

Eil. Nr.	Pavadinimas	Parametras
1	Type	AVK DS G86 M1-4
2	Nominal Power	2585 kW
3	Nominal Speed	1800 1/min
4	Nominal voltage	425 V
5	Rated current	3512 A
6	Frequency	60 Hz
7	Protection class	IP 23
8	Cos φ	0,95
9	Cooling system	Forced ventilation



**Main generator
DSG 86 M1-4/AVK
SEG**

Assembly No.: 8126745H202

Date of manufacture: 2005

Last repair date: 2019.12.11, KR2+R3

Condition: used, needs repair

Weight of dismantled component, kg:
5150

Full set

Price: 17 500 EUR

Eil. Nr.	Pavadinimas	Parametras
1	Type	AVK DS G86 M1-4
2	Nominal Power	2585 kW
3	Nominal Speed	1800 1/min
4	Nominal voltage	425 V
5	Rated current	3512 A
6	Frequency	60 Hz
7	Protection class	IP 23
8	Cos φ	0,95
9	Aušinimo sistema	Forced ventilation



**Main generator DSG
86 M1-4/AVK SEG**

Assembly No.: 8127542C202

Date of manufacture : 2006

Last repair date: 2019.12.09, KR2
+R3
Condition: used, needs repair

Weight of dismantled component,
kg: 5150

Full set

Price: 17 500 EUR

Eil. Nr.	Pavadinimas	Parametras
1	Type	AVK DS G86 M1-4
2	Nominal Power	2585 kW
3	Nominal Speed	1800 1/min
4	Nominal voltage	425 V
5	Rated current	3512 A
6	Frequency	60 Hz
7	Protection class	IP 23
8	Cos φ	0,95
9	Aušinimo sistema	Forced ventilation



**Main generator
GP-312 (3 vnt.)**

Assembly No.: 5922

Date of manufacture: 2009.02.27

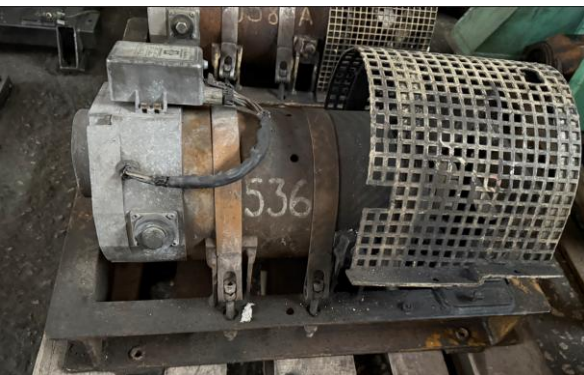
Date of last repair: not repaired

Condition: not checked

Weight of dismantled component, kg: 7400

Generatoriaus tipas	GP312 U2
Galia, kW	1270
Įtampa, V	356/570
Tok, A	3570/2230
Efektyvumas, %	91,5
Sukimosi greitis, min-1	750
Svoris, kg	7400

Price: 10 500 EUR



Main generator S 498/A2-316 (205)

Condition: used
Weight of dismantled
component, kg: 42

Main technical data of the generator and regulator:

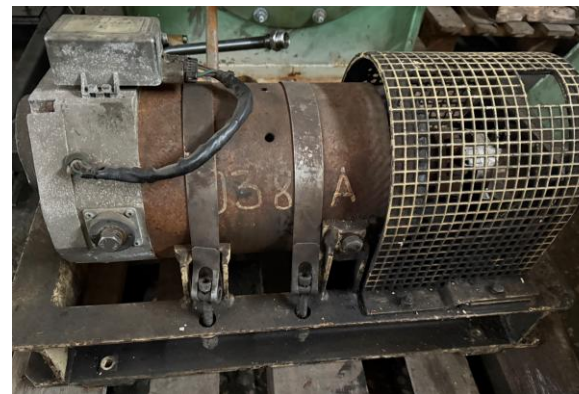
Type: C 708/S 533
Maximum load current: 330 A
Nominal voltage: 28 V $\pm$ 0.2 V
Speed range: 1500 rpm - 8000 rpm

The hydrostatic system provides drive to the generator.

Maintenance instructions:

Maintenance work on the generator must be carried out in accordance with the manufacturer's instructions, as specified in the generator passport.

Price: 10 500 EUR



Main generator S 498/A2-316 (205)

Condition: used
Weight of dismantled
component, kg: 42

Main technical data of the generator and regulator:

Type: C 708/S 533
Maximum load current: 330 A
Nominal voltage: 28 V $\pm$ 0.2 V
Speed range: 1500 rpm - 8000 rpm

The hydrostatic system provides drive to the generator.

Maintenance instructions:

Maintenance work on the generator must be carried out in accordance with the manufacturer's instructions, as specified in the generator passport.

Price: 10 500 EUR



**2-machine unit
A-706A U2
consists of an
auxiliary generator
VGT 275/120
and an exciter V-600
(2 pcs.)**

156 / 5 000
Assembly No.: 4960
Last repair date:2006 KR2
Condition: used
Weight of dismantled
component, kg: 660

Aggregate	Series, type, brand	Power, kW	Voltage units, V	Rotation speed, rpm	Weight, kg
A-710CAY2	B-600	22,5	180	1800	860
	BF1275/120	12,0	75	1800	

Price: 560 EUR

III. Chassis and traction components (with wheelsets and electric traction motors)



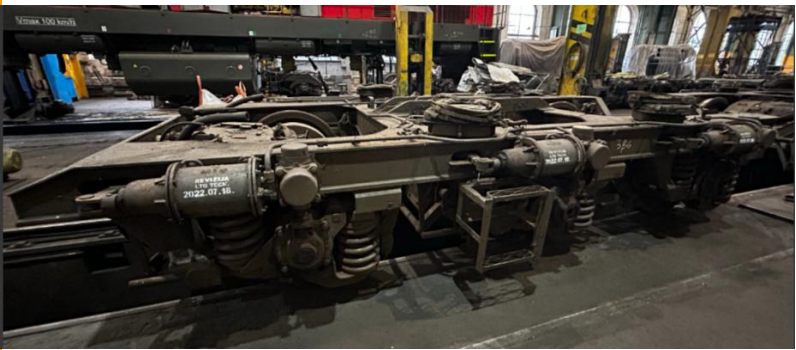
Trolleys 2 pcs.

Unit No.: 2031, 2556

Date of manufacture: 1988-11-30
Date of last repair: 2019.08.12, ER3
Condition: used, KR2 repair required
Weight of dismantled component, kg:
2360
Full set

Axis diagram	C'o-C'o
Number of axles:	3

Price: 10 500 EUR



Trolleys 2 pcs.

Unit No.: 2554, 1995

Date of manufacture: 1990-12-07
Date of last repair: 2019.08.12, ER3
Condition: used, KR2 repair required
Weight of dismantled component, kg:
2360
Full set

Axis diagram	C'o-C'o
Number of axles:	3

Price: 10 500 EUR



Trolleys 2 pcs.

Unit No.: 277, 278
Date of manufacture: 1986-06-19
Date of last repair: 2009.02.25, ER3
Condition: used, KR2 repair required
Weight of dismantled component, kg: 2360
Full set

Axis diagram	C'o-C'o
Number of axles:	3

Price: 10 500 EUR



Trolleys 2 pcs.

Unit No.: 31, 462
Date of manufacture: 1980.02.05 and 1980.11.13, ER3
Date of last repair: 2009.02.25, ER-3
Condition: used, KR2 repair required
Weight of dismantled component, kg: 2360
Full set

Axis diagram	C'o-C'o
Number of axles:	3

Price: 10 500 EUR

IV. Electric Motors (Other)



Electric motor P-11M (6 pcs.)

Condition: used
Weight of dismantled component, kg: 18.5

Power, kW	0,5
Voltage, V	50
Current, A	14,8
Working hours	short-term
Rotation speed, rpm	2800
Insulation class according to heat resistance	B

Price: 350 EUR

V. Compressed air system



Compressors BR45/10/2 VHH (3 pcs.) (4 pcs.)

Condition: used, needs repair

Pavadinimas	Parametras
Integrated Compressor Type	BR 45/10/1 VHH
Compressor Type	M 135 C
Operating Pressure, bar	10
Speed, 1/min (or RPM)	1350; 1580
Suction Side Pressure, bar	1
Suction Side Temperature °C	-20 – 50
Relative Humidity %	0
Air Volume (at 1580 1/min.) m3/min.	5,3
Oil Control Level L	45
Oil Content in Compressed Air, ppm	1-3
Maximum Temperature Index °C	110
Discharge Temperature °C	Aplinkos temperatūra + 50 C
Cooling Air Consumption m3/h	9600
Noise Level LpA dBA ±2 7B	7B
Operating mode	Intermitten

Unit price: 4000 EUR



Compressor KT-7 (3 pcs.)

Unit No.: 8-32-023; 1-10-618; 2-40-806

Condition: used, needs repair

Compressor pressure (kg/cm2)	9
Number of cylinders	5
Weight, kg	610
Power (HP)	44,1
Cooling	Air
Capacity m3/min	5,3
Shaft speed	
Electric motor rpm	950
Dimensions	760x1320x1090

Unit price: 1400 EUR

VI. Hydrostatic system: pumps and motors



Hydrostatic pump A10 VO 071 DFR1 31R PSC12K07 (2 pcs.)



Condition: used

Size		NG		100
Geometric displacement, per revolution		$V_g\ max$	cm ³	100
Maximum rotational speed ¹⁾	at $V_g = V_g\ max$	n_{nom}	rpm	2000
	at $V_g < V_g\ max$ ²⁾	$n_{max\ perm}$	rpm	2400
Flow	at n_{nom} and $V_g\ max$	$q_v\ max$	l/min	200
	at $n_E = 1500\ rpm$ and $V_g\ max$	$q_{vE\ max}$	l/min	150
Power at $\Delta p = 280\ bar$	with $n_{nom}, V_g\ max$	P_{max}	kW	93
	at $n_E = 1500\ rpm$ and $V_g\ max$	$P_E\ max$	kW	70
Torque with $V_g\ max$ and	$\Delta p = 280\ bar$	M_{max}	Nm	445
	$\Delta p = 100\ bar$	M	Nm	159
Rotary stiffness of drive shaft	S	c	Nm/rad	121142
	R	c	Nm/rad	–
	P	c	Nm/rad	132335
Moment of inertia of the rotary group		J_{TW}	kgm ²	0.0167
Case volume		V	l	2.2
Weight without through drive (approx.)		m	kg	49.5
Weight with through drive (approx.)				55.4

Unit price: 1400 EUR



Hydrostatic pump A11 VO190DRGX/11L- NZD12N00-5 (2pcs)



Condition: used

Size		A11VLO (with charge pump)		260
Displacement	$V_{g \max}$	cm ³		260
	$V_{g \min}$	cm ³		0
Speed				
maximum at $V_{g \max}$ ²⁾		n_{max}	rpm	2300
maximum at $V_g \leq V_{g \max}$ ³⁾		n_{max1}	rpm	2300
Flow at n_{max} and $V_{g \max}$		$q_{v \max}$	l/min	598
Power at $q_{v \max}$ and $\Delta p = 350 \text{ bar}$		P_{max}	kW	349
Torque at $V_{g \max}$ and $\Delta p = 350 \text{ bar}$		T_{max}	Nm	1448
Rotary stiffness	Z shaft	Nm/rad		686465
	P shaft			653835
	S shaft			352009
	T shaft			567115
Moment of inertia for rotary group		J_{TR}	kgm ²	0.0895
Angular acceleration, max. ⁴⁾		α	rad/s ²	4800
Filling capacity		V	l	4.6
Mass (approx.)		m	kg	138

Unit price: 1400 EUR



Condition: used

Unit price: 700 EUR

Hydrostatic motor A10FM 18/52R- VRC016 NOO2 (2pcs)

Size		NG		18
Displacement geometric, per revolution		$V_{g\ max}$	cm ³ (inch ³)	18
				(1.10)
Maximum rotational speed ¹²⁾ at $V_{g\ max}$		n_{nom}	rpm	4200
Inlet flow at n_{nom}		$q_{v\ max}$	L/min (gpm)	76
				(20.1)
Power at n_{nom} and $p_N = 280\ bar\ (4100\ psi)$		P_{max}	kW (HP)	35.3
				(47)
Actual starting torque, approx. at $n = 0\ rpm$ and $p_N = 280\ bar\ (4100\ psi)$		MNm	(lb-ft)	67.5
				(49.8)
Torque at $V_{g\ max}$ and $p_N = 280\ bar\ (4100\ psi)$		M_{max} Nm	(lb-ft)	80
				(59)
Rotary stiffness of drive shaft	R	c	Nm/rad (lb-ft/rad)	14835 (10942)
	W	c	Nm/rad (lb-ft/rad)	– –
	C	c	Nm/rad (lb-ft/rad)	18662 (13765)
Moment of inertia of the rotary group		J_{TW}	kgm ² (lb-ft ²)	0.00093
				(0.022)
Maximum angular acceleration ³⁾		α	rad/s ²	6800
Case volume		V	L (gal)	0.15
				(0.04)
Weight approx.		m	kg (lbs)	6.5
				(14.3)



Hydrostatic motor A10FM37 R-VRC10 NOO2 (2pcs)

Condition: used

Unit price: 700 EUR

Nominal size: 10 → 63 Nominal pressure/maximum pressure: 250 bar / 350 bar

- Axial piston screw drive design for hydrostatic drives in open and closed circuits
- Input speed is proportional to output flow
- Output torque increases with increasing pressure gradient between high and low pressure sides
- Designed for use in mobile and industrial applications
- Long service life
- High input speed change
- Proven A10 motor technology
- Supported speed and output ratio – small dimensions
- Can be driven by various screw types
- Remojie
- Mechanical and hydraulic connections also according to SAE
- Return service independent
- Integrated switching valve optionally, e.g. for fan drives



Hydrostatic motor A2FM 90/61W-VAB010 (2 pcs.)

Condition: used

Unit price: 700 EUR

Size		NG		90
Displacement geometric, per revolution		V_g	cm ³	90
Maximum rotational speed ¹⁾	Temperature class T3	n_{max}	rpm	4500
	Temperature class T4	n_{max}	rpm	2250
Inlet flow ²⁾	at n_{nom}	$q_{v max}$	l/min	405
Torque ³⁾	at $\Delta p = 350 \text{ bar}$	M	Nm	501
	at $\Delta p = 400 \text{ bar}$	M	Nm	573
Rotary stiffness		c_{min}	kNm/rad	9.14
Moment of inertia of the rotary group		J_{TW}	kgm ²	0.0072
Case volume		V	l	0.55
Weight approx.		m	kg	23



Hydrostatic motor A2FM 180/61W-VBB010-S (2pcs)

Condition: used

Unit price: 700 EUR

Size		NG		180
Displacement geometric, per revolution		V_g	cm ³	180
Maximum rotational speed ¹⁾	Temperature class T3	n_{max}	rpm	3600
	Temperature class T4	n_{max}	rpm	1800
Inlet flow ²⁾	at n_{nom}	$q_{v max}$	l/min	648
Torque ³⁾	at $\Delta p = 350 \text{ bar}$	M	Nm	1003
	at $\Delta p = 400 \text{ bar}$	M	Nm	1146
Rotary stiffness		c_{min}	kNm/rad	18.2
Moment of inertia of the rotary group		J_{TW}	kgm ²	0.0220
Case volume		V	l	1.1
Weight approx.		m	kg	45



PUMP A11VO190DRS+A 11VO190DRGX REM (9 pcs.)

Specifications:

Universal high-pressure pump with
through-hole drive
Size 40 '260
Nominal pressure 350 bar
Maximum pressure 400 bar
Open circuit
Metric version

Condition: new

Unit price: 6600 EUR



ENGINE HYDR A2FM160/61W-VBB010 REXR R (8 pcs.)

Specifications

Universal high-pressure motor
Size 5 '1000
Nominal pressure up to 400
bar
Maximum pressure up to 450
bar
Open and closed circuits
Metric version

Condition: new

Unit price: 1900 EUR

