

to include two NILES N 30 MCM x 2.500 for milling and drilling of Crankshafts up to 2.500mm Length

Lot ID	Client Asset ID	Qty	Type (ENG)	Make	Model	Serial	Year	Technical Details (ENG)
2620001	9702569	1	Laser-Marking Station	Baublis / Trumpf	ID 25 I/NC 10 X 80	K 0035	2012	
2620002	9702544	1	CNC Crankshaft Cut-to-Length, Facing and Centering Machine	LiCon	LIFLEX 446-6/60	90 570	2005	Machining Center for cut-to-length, facing and centering of crankshafts, max length 1.000mm, CNC Siemens Sinumerik 840 D Parts Gantry System and/or Cranes are not included in the Scope.
2620003	9702535	1	CNC Lathe	Niles Simmons	N30-1.500	371 104	2004	used for Turning of Flange and Pin Nominal length 1.500mm, max clamping length 800mm, tailstock, 2x 12-Pos-tool-turret, CNC Siemens Sinumerik 840D, 400V 50Hz 138kVA, weight, ca. 18to Parts Gantry System and/or Cranes are not included in the Scope.
2620004	9702538	1	CNC Twin-Head Crankshaft Milling Centre	Niles Simmons	N30 CM-1.500	377 105	2005	Machine was used for the operation "pre-milling" Nominal Length 1.500mm, max clamping length 800mm, max swing 780mm, spindle dia 170mm, cutter dia 700/800mm, rapid travel long./cross 30/18m, min/max capacity 37,5/47kW, CNC Siemens Sinumerik 840D, 400V 50Hz 126kVA Parts Gantry System and/or Cranes are not included in the Scope.
2620005	9702539	1	CNC Twin-Head Crankshaft Milling Centre	Niles Simmons	N30 CM-1.500	377 109	2005	Machine was used for the operation "pre-milling" Nominal length 1.500mm, max clamping length 800mm, max swing 780mm, spindle dia 170mm, cutter dia 700/800mm, rapid travel long./cross 30/18m, min/max capacity 37,5/47kW, CNC Siemens Sinumerik 840D, 400V 50Hz 126kVA Parts Gantry System and/or Cranes are not included in the Scope.
2620006	9702537	1	CNC Crankshaft Turn-Broaching Machine	Niles Simmons	N30 TB-1.500	379106	2004	Machine was used for the operation "Turn Broaching of Main Bearing" nominal length 1.500mm, max clamping length 800mm, swing 780mm, spindle power 2 x 64/78kW (3.000rpm), rapid travel long./cross 30/18m/min, cutter dia 700mm, CNC Siemens Sinumerik 840D, 400V 50Hz 138kVA, weight, ca. 18to Parts Gantry System and/or Cranes are not included in the Scope.

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2620007	9704008	1	CNC Crankshaft Turn-Broaching Machine	Niles Simmons	N30 TB-1.500	379253	2011	Machine was used for the operation "Turn Broaching of Main Bearing" nominal length 1.500mm, max clamping length 800mm, swing 780mm, spindle power 2 x 64/78kW (3.000rpm), rapid travel long./cross 30/18m/min, cutter dia 700mm, CNC Siemens Sinumerik 840D, 400V 50Hz 138kVA, weight, ca. 24to Parts Gantry System and/or Cranes are not included in the Scope.
2620008	9702540	1	CNC Twin-Head Crankshaft Milling Centre	Niles Simmons	N30 CM-1.500	377107	2005	Machine was used for the operation "finish turn the broaching pins" nominal length 1.500mm, max clamping length 800mm, max swing 780mm, spindle dia 170mm, cutter dia 700/800mm, rapid travel long./cross 30/18m, minmax capacity 37,5/47kW, CNC Siemens Sinumerik 840D, 400V 50Hz 126kVA, weight, ca. 22to Parts Gantry System and/or Cranes are not included in the Scope.
2620009	9706234	1	CNC Crankshaft Control-Balancing Machine	Hofmann	UHK 12 - ZM1	A 41210 A 15-034 508	2015	max crankshaft length 800mm, max dia 300/200mm, max weight 50kg, bearing dia 30 - 80mm, balancing speed 200650 rpm, 230V 50Hz, LxWxH,:1,3x1x1,5m Parts Gantry System and/or Cranes are not included in the Scope.
2620010	9702530	1	CNC 3-Spindle Crankshaft Deep Drilling Machine	TBT	BW 250-3	106 339-11	2005	used for Drilling of Oil Channels 3-spindle deep drilling machine for crankshafts, spindle distance 250mm, drilling depth ca. 1.000mm, CNC Siemens Sinumerik 840 D, weight, ca. 22to
2620011	9702823 9702824	1	Deburring Station with Robot Handling	Reis / KUKA	VKR C2, VKR 140 SC 2 ZH 03	881036 / 887100, VWNr 183	2005	robot operated crankshaft handling for flexible deburring by brushing Parts Gantry System and/or Cranes are not included in the Scope.
2620012	9702525 9702734	1	Deburring Station with Robot Handling	Reis / KUKA	H-05 261 / VKR C2, VKR 125/3 TJGC 2 ZH05	881017 / 849845, VWNr 144	2004	robot operated crankshaft handling for flexible deburring by brushing Parts Gantry System and/or Cranes are not included in the Scope.
2620013	9702549	1	Washing before Hardening	Dürr	42 HCS	55723, FabrikNr K.135.115.420	2005	
2620014	9702533	1	Induction-Hardening System	SMS- Elotherm	EM 16 PI/190/750/30 AKWH-F	4011781	2004/2019	power supply: 400V 50Hz 918kVA / 1.326A, transformer 200kVA / 264A, converter 204kW / 165kV / 750V / 244A / 10 - 50kHz, flexible induction hardening unit for crankshafts, CNC Siemens Sinumerik 840D,
2620015	9706418	1	Parts Washing Station	Weller	Zwischenreinigungsmodul KW	39 267	2015	
2620016	9702543	1	Stress-Releasing Oven	Nolzen	PHUT 125/393/274	15 310	2005	

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2620017	9702541	1	CNC Crankshaft Multi-Slide Machining Center	Niles Simmons	N30 MCM	382 103	2005	<p>Nominal crankshaft length 2.500mm, X-Axes 740mm, Y-Axes 465mm, swing dia 780mm, CNC Siemens Sinumerik 840D /// The NILES-SIMMONS N 30 MCM 2.500 Multi-Slide Machining Centers is designed for complete machining of cranks-hafts up to 2.500mm length.</p> <p>Appli-ca-ti-ons range from pro-to-ty-p-ing of small pas-sen-ger vehicle cranks-hafts over the com-plete machi-ning of cranks-hafts for light air-craft to one-offs and small-batch manu-fac-ture of large cranks-hafts for sta-tio-nary or marine die-sel engi-nes. The com-bi-na-tion of the uni-ver-sal tur-ning, dril-ling and mil-ling head with powerful exter-nal mil-ling units com-bi-nes fle-xi-bi-lity of tur-ning, dril-ling and mil-ling ope-ra-ti-ons con-fi-gu-red for cranks-haft machi-ning with high stock rem-oval capa-bi-li-ties for machi-ning cranks-haft bea-rings and coun-ter-weights by using large side mil-ling cut-ters. Gun dril-ling, gear hob-bing or hard tur-ning and hard mill/turning pro-ces-ses com-plete the variety of appli-ca-ti-ons up to semi-finis-hing of har-dened crankshafts. LxWxH, ca. 84x3m, weight, ca. 35to</p> <p>Parts Gantry System and/or Cranes are not included in the Scope.</p>
2620018	9703132	1	CNC Universal Deep Rolling and Roll Straightening Machine	Hegenscheidt	7893 R-01	202 166	2008	<p>max bearing center distance 920mm, deep roling / straightening speed 120 / 160 rpm, roller arm length 195-270mm, max 8 main + 6 stroke bearings, dia main / pivot bearings 30-88mm / 30-84mm, min bearing widt 18,5mm, max stroke 140mm, min bearing distance 29,5mm, machining height 1.100mm, main drive 20kW, 400V 50Hz, CNC Siemens Sinumerik 840D, LxWxH 4,5x2,5x2,2m, weight 14to</p> <p>Parts Gantry System and/or Cranes are not included in the Scope.</p>
2620019	9702560	1	CNC Universal Crankshaft Fine Turning and Roller Burnishing Machine	Hegenscheidt	7794	202 106	2005	<p>used for for machining end faces of crankshaft thrust bearings</p> <p>min/max length 260-700mm, max swing 220mm, min/max width of bearing 18-70mm, max bearing level 12,5mm, cutting speed turning 170m/min, rolling speed 45m/min, machining height 1.250mm, 12kVA 400V 50Hz, CNC Siemens Sinumerik 840D, LxWxH 4x3x2,5m, weight 5,5to</p> <p>Parts Gantry System and/or Cranes are not included in the Scope.</p>
2620020	9702554	1	CNC Universal Crankshaft Main and Pin Bearing Grinding Machine	Junker	JUCRANK 5000/50	2302	2005	<p>MACHINE IS INCOMPLETE AND NEEDS REPAIR!!! - wheel head with two grinding spindles and B-Axis, max length 700mm, center height 170mm, max crankshaft weight 130kg, grinding wheel dia 500mm, swing dia 280mm, CNC Siemens Sinumerik 840D, 400V 50Hz, LxWxH 5x3,4,2,35m, weight 14to</p> <p>Parts Gantry System and/or Cranes are not included in the Scope.</p>

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2620021	9702534	1	CNC Gear Shaping Machine	Pfauter	GP 130 S	29406	2005/2019	max dia 130mm, max face width 25mm, min/max module 0,5-4, strokes 500 - 2.500 1/min, spindle dia 85mm, CNC Siemens Sinumerik 840D, 400V 50Hz 49kW, LxWxH 6,4x4,5x4,4m, weight 12to Parts Gantry System and/or Cranes are not included in the Scope.
2620022	9702542	1	CNC Crankshaft Multi-Slide Machining Center	Niles Simmons	N30 MCM	382108	2005	Nominal crankshaft length 2.500mm, X-Axes 740mm, Y-Axes 465mm, swing dia 780mm, CNC Siemens Sinumerik 840D /// The NILES-SIMMONS N 30 MCM 2.500 Multi-Slide Machining Centers is desi-gned for com-plete machi-ning of cranks-hafts up to 2.500mm length. Appli-ca-ti-ons range from pro-to-ty-p-ing of small pas-sen-ger vehicle cranks-hafts over the com-plete machi-ning of cranks-hafts for light air-craft to one-offs and small-batch manu-fac-ture of large cranks-hafts for sta-tio-nary or marine die-sel engi-nes. The com-bi-na-tion of the uni-ver-sal tur-ning, dril-ling and mil-ling head with powerful exter-nal mil-ling units com-bi-nes fle-xi-bi-lity of tur-ning, dril-ling and mil-ling ope-ra-ti-ons con-fi-gu-red for cranks-haft machi-ning with high stock rem-oval capa-bi-li-ties for machi-ning cranks-haft bea-rings and coun-ter-weights by using large side mil-ling cut-ters. Gun dril-ling, gear hob-bing or hard tur-ning and hard mill/turning pro-ces-ses com-plete the variety of appli-ca-ti-ons up to semi-finis-hing of har-dened crankshafts. LxWxH, ca. 84x3m, weight, ca. 35to Parts Gantry System and/or Cranes are not included in the Scope.
2620023	9702556	1	CNC Crankshaft Grinding Machine	Junker	JUCRANK 6000/50/50	2301	2005	incomplete machine, not operational, needs significant repair Parts Gantry System and/or Cranes are not included in the Scope.
2620024	9702555	1	CNC Universal Crankshaft Main and Pin Bearing Grinding Machine	Junker	JUCRANK 6000 50/50	2300	2005	two wheel heads with two grinding spindles and B-Axis, max clamping length 1.200mm, max grinding length 750mm, center height 170mm, max crankshaft weight 150kg, grinding wheel dia 500/700mm, swing dia 280/320mm, CNC Siemens Sinumerik 840D, 400V 50Hz, LxWxH 5x3,75x2,45m, weight 25to Parts Gantry System and/or Cranes are not included in the Scope.
2620025	9704007	1	CNC Universal Crankshaft Main and Pin Bearing Grinding Machine	Junker	JUCRANK 6S 50-50	2832	2011	two wheel heads with two grinding spindles and B-Axis, max clamping length 1.200mm, max grinding length 750mm, center height 170mm, max crankshaft weight 150kg, grinding wheel dia 500/700mm, swing dia 280/320mm, CNC Siemens Sinumerik 840D, 400V 50Hz, LxWxH 5x3,75x2,45m, weight 25to Parts Gantry System and/or Cranes are not included in the Scope.

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2620026	9702545	1	CNC Crankshaft Cut-to-Length, Facing and Centering Machine	LiCon	LIFLEX 446-6/60	90 571	2005	Machining Center for cut-to-length, facing and centering of crankshafts, max length 1.000mm, CNC Siemens Sinumerik 840 D Parts Gantry System and/or Cranes are not included in the Scope.
2620027	9702546	1	CNC Crankshaft Cut-to-Length, Facing and Centering Machine	LiCon	LIFLEX 446-6/60	90 572	2005	Machining Center for cut-to-length, facing and centering of crankshafts, max length 1.000mm, CNC Siemens Sinumerik 840 D Parts Gantry System and/or Cranes are not included in the Scope.
2620028	9702557	1	CNC Crankshaft External Cylindrical and Plung-Cut Grinding Machine	Junker	JUMAT 5000/60	2303	2005	wheel head with three grinding spindles and B-Axis, max length 700mm, center height 170mm, max crankshaft weight 130kg, grinding wheel dia 500mm, swing dia 280mm, CNC Siemens Sinumerik 840D, interpolation of B-Axes (swivelling wheel head) with X and Z Axes is possible, 400V 50Hz, LxWxH 5x3,4,2,35m, weight 14to Parts Gantry System and/or Cranes are not included in the Scope.
2620029	9702536	1	CNC Lathe	Niles Simmons	N30-1.500	370 115	2005	nominal length 1.500mm, max clamping length 800mm, tailstock, 2x 12-Pos-tool-turret, CNC Siemens Sinumerik 840D, 400V 50Hz 138kVA, weight, ca. 16to Parts Gantry System and/or Cranes are not included in the Scope.
2620030	9702551	1	Washing Machine	Dürr	42 X-XE	K 135.116.420	2005	
2620031	9707172	1	Deburring and Brushing Station	Kuka / Matec			2019	flexible crankshaft deburring and brushing unit Parts Gantry System and/or Cranes are not included in the Scope.
2620032	9707172	1		Matec			2019	
2620033	9702547	1	CNC Crankshaft Balancing Machine	Hofmann	KHK 21 BM 1	A 4121 A 04-013 151	2005	max crankshaft length 1.100mm, weight 10 - 100kg, bearing dia 40-100mm, compensation radius 110mm, journal distance, min. 100mm, fly circle radius crankpin, max. 100mm, balancing speed 200-650 rpm, unbalance reduction 95%, CNC Siemens Sinumerik 840D, LxWxH 4x2,1x2,2m Parts Gantry System and/or Cranes are not included in the Scope.
2620034	9702548	1	CNC Crankshaft Balancing Machine	Hofmann	KHK 21-ZM 1	A 4121 A 04-013 150	2005	max crankshaft length 1.100mm, weight 10 - 100kg, bearing dia 40-100mm, compensation radius 110mm, journal distance, min. 100mm, fly circle radius crankpin, max. 100mm, balancing speed 200-650 rpm, unbalance reduction 95%, CNC Siemens Sinumerik 840D, LxWxH 4x2,1x2,2m Parts Gantry System and/or Cranes are not included in the Scope.

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2620035	9702531	1	CNC Crankshaft Polishing Machine	Supfina	720/1	710366	2005	max crankshaft length 800mm, max dia 200mm, CNC Siemens Sinumerik 840D Parts Gantry System and/or Cranes are not included in the Scope.
2620036	9702552	1	Industrial Parts Washing Machine	Dürr	44 H HCS	K.135.117.440	2005	
2620037	9702575	1	Shaft Measuring Center	Hommel	WMS 823 V	4001 1005 / 2 000 001176	2005	universal test center for checking and clasification of crankshafts
2620038	9702576	1	Shaft Inspection Unit	Hommel / Trumpf		76412	2005	
2620039	9702578	1	Industrial Robot	KUKA	VKR C2, KR 140 L 120CPT S C2	887 388, VW Nr. 177	2005	
2620040	9702579	1	Industrial Parts Washing Machine	Dürr / Knoth	14 W-KE	K.135.113.141	2005	
2620041	9702574	1	End Machining Center	Hommel	AM V 923 V	3001 3205	2005	not operational, needs repair
2620042	9706621	1	Manual Shaft Measuring Device	IBB	Premion M	318-1408-800/220	2016	
2620043	9702550	1	Industrial Parts Washing Machine	Dürr	78 W	K 135.114.178	2005	
2620044	9702571	1	Assembly Station	PAUL KOESTER				Assembly and Screwing Station
2620045	9707362	1	Disc Cutter	METKON	Servocut 502-AX	N20200604	2020	Metal Cutting Machine / Disc Cutter
2620046	763808	1	Paternoster Storage	HEAENEL	Lean-Lift	124.971/4-8	2000	
2620047	9702818	1	Coolant and Filtering Unit	FAUDI	RMF 3-fach	KA1-1528	2005	
2620048	9702819	1	Coolant and Filtering Unit	FAUDI	RSF 3-fach	KA1-1528	2005	
2620049	9701961	1	Shaft Measuring Center	FRENCO	URMR-HGA 39447	191	2007	Shaft Measuring Center with Screen mounted on work bench
2620050	9702563	1	Dry-Cleaning Unit (through feed)	VOLKMANN	TRA 01003	AFO162	2005	Through-Feed-Dry Cleaning Unit
2620051	9702565	1	Dry-Cleaning Unit (through feed)	VOLKMANN	TRA 01003	AFO202	2005	Through-Feed-Dry Cleaning Unit
2620052	9702566	1	Dry-Cleaning Unit (through feed)	VOLKMANN	TRA 01003	AFO222	2005	Through-Feed-Dry Cleaning Unit
2620053	9702567	1	Dry-Cleaning Unit (through feed)	VOLKMANN	TRA 01003	AFO232	2005	Through-Feed-Dry Cleaning Unit
2620054	9702568	1	Dry-Cleaning Unit (through feed)	VOLKMANN	TRA 01003	AFO262	2005	Through-Feed-Dry Cleaning Unit
2620055	307618	1	Crankshaft Measuring Table	Hommel			2005	Crankshaft Measuring Table for intermediate control operations
2620056	307619	1	Crankshaft Measuring Table	Hommel			2005	Crankshaft Measuring Table for intermediate control operations
2620057	307620	1	Crankshaft Measuring Table	Hommel			2005	Crankshaft Measuring Table for intermediate control operations
2620058	307621	1	Crankshaft Measuring Table	Hommel			2005	Crankshaft Measuring Table for intermediate control operations
2620059	307622	1	Crankshaft Measuring Table	Hommel			2005	Crankshaft Measuring Table for intermediate control operations
2620060	307623	1	Crankshaft Measuring Table	Hommel			2005	Crankshaft Measuring Table for intermediate control operations
2620061	313013	1	Crankshaft Measuring Table				2005	Crankshaft Measuring Table for intermediate control operations
2620062	328104	1	Dry-Extraction Unit	Keller	R 63-560	50179	2005	Central Extraction Unit for Dry-Machining Operations
2620063	328105	1	Oil-Mist Extraction Unit	Keller	OENA-D 20	408959	2005	Central Oil-Mist Extraction Unit for Machining Area
2620064	328106	1	Coolant-Emulsion-Mist-Separator	Keller	ENA-D-15V	409236	2005	Central Coolant-Emulsion-Mist-Separator for Machining Areas
2620065	328107	1	Oil-Mist Extraction Unit	Keller	OENA-D 20	408885	2005	Central Oil-Mist Extraction Unit for Grinding Area
2620066	_006	1	Manipulator	PURTEC	45kg	M1991294	2005	1.800 mm stroke manipulator, max load 45kg
2620067	_007	1	Manipulator	PURTEC	45kg	M2001204	2005	1.800 mm stroke manipulator, max load 45kg
2620068	126	1	Crane / Handling Unit	PURTEC	200kg	M6461211	2012	2.000mm stroke crane, max load 200kg
2620069	290	1	Crane / Handling Unit	DEMAG	80kg		2005	1.800mm stroke crane, max load 80kg
2620070	371	1	Crane / Handling Unit	PURTEC	200kg	M2330505	2005	2.000mm stroke crane, max load 200kg
2620071	373	1	Crane / Handling Unit	PURTEC	200kg	M2360505	2005	2.000mm stroke crane, max load 200kg
2620072	374	1	Crane / Handling Unit	PURTEC	80kg	M2320505	2005	1.800mm stroke crane, max load 80kg
2620073	375	1	Crane / Handling Unit	PURTEC	200kg	M2340505	2005	2.000mm stroke crane, max load 200kg
2620074	376	1	Crane / Handling Unit	PURTEC	200kg	M2290505	2005	2.000mm stroke crane, max load 200kg

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2620075	377	1	Crane / Handling Unit	PURTEC	200kg	M2280505	2005	2.000mm stroke crane, max load 200kg
2620076	384	1	Crane / Handling Unit	PURTEC	80kg	M2460505	2005	1.800mm stroke crane, max load 80kg
2620077	385	1	Crane / Handling Unit	PURTEC	80kg	M2430505	2005	1.800mm stroke crane, max load 80kg
2620078	389	1	Crane / Handling Unit	PURTEC	200kg	M2420505	2005	2.000mm stroke crane, max load 200kg
2620079	529	1	Manipulator	PURTEC	45kg	M1981204	2005	1.800 mm stroke manipulator, max load 45kg
2620080	531	1	Manipulator	PURTEC	45kg	M1951204	2005	1.800 mm stroke manipulator, max load 45kg
2620081	532	1	Manipulator	PURTEC	45kg	M1941204	2005	1.800 mm stroke manipulator, max load 45kg
2620082	578	1	Crane / Handling Unit	PURTEC	200kg	M2350505	2005	2.000mm stroke crane, max load 200kg
2620083	2016974	1	Crane / Handling Unit	DEMAG KBK	80kg		2005	1.800mm stroke crane, max load 80kg
2620084	KV-D31_A12	1	Crane / Handling Unit	PURTEC	80kg	M2440505	2005	1.800mm stroke crane, max load 80kg
2620085	9707059	1	Crane / Handling Unit	EFS	ratioLift XL 160	20180381-M1	2019	ca. 2.500mm stroke, max load 25 kg, weight 67 0kg, air pressure supply 6 bar