



AS Maschinen GmbH

First Class Secondhand Machines

Proforma Invoice for Crankshaft Production Machines

PI No: 001/1-2024

Date: 02.03.2024

Year of manufacturing of all machines is 2020 and all machines have been overhauled and renewed in 2023 according to standards and requirements of Daimler Benz accuracies.

Term of delivery: CPT Sahlan/Jolfa/Bazargan

Final place delivery: Sahlan/Jolfa

Time of delivery: 6 months after receiving down payment.

Validity of Proforma: 6Month after issuing date.

Partial shipment is allowed.

Packing: without packing

All the machines are made in Germany.

Loading Place: Germany

Transport: By Truck

Term of payment: 12% after issuing the proforma, 8% after relocating the machines to rented warehouse and visiting the buyer in person the rest after running each Machines and visiting the buyer in person before delivery.

Beneficiary: AS Maschinen GmbH

Bank: VolksBank Mittelhessen

Bank Account: 41595809

IBAN: DE97 5139 0000 0041 5958 09

BIC: VBMHDE5F

AS Maschinen GmbH

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Product	Brand	Weight of per Machine	Total Power Req.	Voltage	Dimensions of Machines /m	Machining Length Max.	Tool Type	Tool Diameter	Turning speed range-Workpiece spindle	Quantity
Crankshaft cylindrical grinding	Junker, Type: Quickpoint 5002/50	~ 13 Ton	70KVA	400V	4.5*4*2.4	700 mm	CBN Grinding Wheel	Max. 400 mm	1-1000 rpm	1
Crankshaft cylindrical grinding	Junker, Type: Jucam 5002/50	~ 13 Ton	80KVA	400V	4.9*3.4*2.35	1060 mm	CBN Grinding Wheel	Max. 500 mm	1-1000 rpm	2
Crankshaft cylindrical grinding	Junker, Type: Jucrank 5000/51	~ 13 Ton	80KVA	400V	3.26*3.75*2.35	1060 mm	CBN Grinding Wheel	Max. 450 mm	1-1000 rpm	3
Crankshaft cylindrical grinding	Junker, Type: Jmat 5002/50	~ 13 Ton	80KVA	400V	4.5*3.1*2.2	1060 mm	CBN Grinding Wheel	Max. 500 mm	1-1000 rpm	2
Crankshaft Milling	Boehringer	~ 20 Ton	50KVA	400V	3*2*1.8	1100 mm	Milling Cutter	700 mm	1-100	2
Crankshaft Milling	Heller, Type: RFN300/800/2	~ 16 Ton	50KVA	400V	5.6*4.2*3.6	800 mm	Milling Cutter	400 mm	1-100	3
Crankshaft cylindrical grinding	Emag kOPP, Type: SN320	~ 24 Ton	50KVA	400V	4.5*2.4*2.5	1000 mm	CBN Grinding Wheel	Max 500 mm	0.01 - 1000	2
Crankshaft Induction Hardening	Elotherm	~ 6 Ton	50KVA	400V	?	1000	Induction Coil	-	0-20	1
Crankshaft Induction Hardening	Alfing	~ 20 Ton	50KVA	400V	7.4*2.5*2.5	1000 mm	Induction Coil	-	0-100 rpm	1
Crankshaft Straightning	MAE	~ 8 Ton	50KVA	400V	3.27*3.24*20.2	1000 mm	-	-	-	1



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Crack Detector Machine	Karl Deutsch	~ 4 Ton	50KVA	400V	1 test medium container	1200 mm	-	-	-	1
End of Line Measuring Machine	Hommelwerk / Marposs	~ 2 Ton	50KVA	400V	4.5*3.1*2 .2	900	-	-	0-10	2
Crankshaft Superfinishing Machine	Suptina/Nagel	~ 12 Ton	50KVA	400V	3*.5*2.5	1000 mm	Lapping Film	-	20 to 375	2
Crankshaft Balancing Machine	Hofmann / Schenck	~ 10 Ton	50KVA	400V	2.6*2.1*2 .2	900 mm	-	-	100-600	2
Facing & Centring Machine	Laru	~ 13 Ton	50KVA	400V	2.6*2.1*2 .2	1000 mm	HSK63	150 mm	-	1
Crankshaft Turning Machine	Boehringer	~ 17 Ton	50KVA	400V	4.5*3.1*2 .2	1250 mm	-	-	10-1000	2
Crankshaft Machining Center	Heller or Heckert	~ 20 Ton	50KVA	400V	2.6*2.1*2 .2	1000 mm	Iso/sk 50	-	-	2
Crankshaft Washing Machine	Dürr - Zipel	~ 11 Ton	50KVA	400V	one piece flow cleaning	1000	-	-	-	1
Horizontal Machining Center	Heller or Heckert	~ 20 Ton	50KVA	400V	2.4*1.6*1 .6	1000 mm	Iso/sk 50	-	-	2

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