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From: 2020/12/17

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Description for customs:

Model-making machine(s) for automotive design studios to mill design models

Customs Tariff No: 8465 9200

Country of Origin: Federal Republic of Germany

10 ConceptLine Evo

10.10 105038976 ConceptLine Evo

5-axes layout and model making machine for clay styling studios (milling and measuring of clay models)

Includes:

- Control PC
- Wireless Control
- X, Y, Z linear guides
- linear drive in X and Y axis /

ball screw drive in Z axis

- max. feed rate: 40 m/min

Travel range:

Z-axis: 2.440 mm Y-axis: 1.624 mm

All Kolb ConceptLines can mill Clay and block material of 600g/dm³

Details two axes milling head:

- power: 1 kW / 2,2 kW
- spindle rotation speed 16.000 rpm
- tool interface: HSK 32C



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10.20 105046464

ConceptLine Evo rail stationary

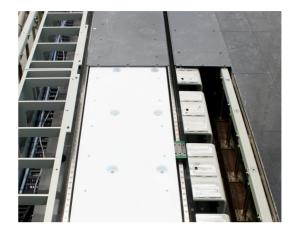
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includes:

- guidance of the machine base with linear guide rails

- adjustment elements
- magnets for linear drive



10.30 105046466

Cover plates for ConceptLine Evo rail

for:

- 30 x 8m rail
- 2 x 11m rail
- 2 x 40m rail



10.40 105031139

Packing ConceptLine for sea or air freight

10.50 105038985

Packing ConceptLine Evo rail for sea or air freight

10.60 105033527

Packing Cover plates for sea or air freight

Subtotal position group: 10



20 Machine Accessories

20.10 105033014

Measuring kit ConceptLine

consisting of:

- measuring probe system: activation bidirectional, hollow shank taper, storage case
- toolbox
- extension 100 mm
- M4-stylus (ceramic shaft): length 53mm, ruby ball 6mm
- end gauge block 050
- gauge ring



20.20 105031087

Set of ballnose cutters for ConceptLine

All cutters are balanced with G2,5 / 10.000 rpm (Please note that cutters not fulfilling this value are not suitable for the milling spindle.)

Set contains:

- 1 ballnose cutter each (length 120mm); Ø 4mm, Ø 6mm, Ø 8mm
- 1 ballnose cutter each (length 170mm); Ø10mm, Ø12mm
- 1 hydraulic expansion chuck for HSK 32
- 1 collet each with Ø 4mm, Ø 6mm, Ø 8mm, Ø 10mm

20.30 105036128 Tool Presetter ConceptLine

with HSK 32 adapter

Proposed amount (Minimum one Tool Presetter per studio area)







30 Floor System

30.10 105031105

StudioFloor raised floor

includes:

- laying
- jointing

(300m² between 8m rails, 90m² between 40m rails, 30m² between 11m rails)



30.20 105036962

Integrated lift-/turntable

Specifications lift table:

- Dimensions: 1.700 mm x 1.000 mm
- max. lifting height: 0-850 mm (in Z axis)
- max. load: 4.500 kg
- rotation angle: 180°
- pin hole design according to customer's specification
- includes covering (steel plate or artificial stone)



Optional position (not included in total)

30.30 Motorized turning function



Pos	Item	Quantity	Unit Price	Total
30.40	105031107 Integrated Model Support System			
	 on both sides of the lift-/ lift-turntable for fixation of the model includes pinholes according to customer specifications 	0 0		
	- includes covering (steel plate or artificial stone)	0 0		

30.50	105031157 Packing lift- / turntable for sea or air freight
30.60	105031147 Packing Model support system for sea or air freight

40 Safety System

40.10 105031117

Safety barrier system by means of barrier tapes

To fence a standard milling area of one machine with barrier tapes

consisting of:

- 2 tensator posts with barrier tapes
- 4 deflection posts
- 2 end posts
- 2 rotary encoder

