

Machine Data Sheet

Article no.: Evolution K850-M



*Second hand,
but first class!*

Made by: Loroch
Model: Evolution K850-M
Year: 2019



Description:

Suitable for fully automatic grinding or new toothing and chamfering of HSS and segment circular saw blades as well as solid carbide circular saw blades, jig saw blades / thin-cut saws with chip breaker (diameter from 200-500 mm, tooth pitch from 8-30 mm), in deep grinding using CBN or diamond grinding wheels.

Specifications:

Saw diameter max. Ø (40) 130 - 850 mm, saw diameter (unmanned) max. Ø (75) 130 - 520 mm, tooth pitch 1 - 40 mm, tooth height max. 17 mm, number of teeth 2 - 998, saw blade thickness up to 8 mm, loading capacity 40 saw blades, grinding wheel diameter (CBN or DIA - 14F1) Ø 200 mm, grinding wheel bore Ø 32 mm, coolant pressure approx. 6 bar, coolant tank approx. 300 l, grinding motor 3 kW, Connected load approx. 6.5 kW (400 V / 50 Hz) 8.9 kVA, weight approx. 2000 kg net, dimensions W x D x H 2400 x 1700 x 2200 mm, colour grey.

Accessories:

Remote diagnosis via internet connection with alarm management via email.

Machine with full cladding and integrated machine room lighting.

Signal light to indicate the operating status.

Effective cooling system with a nominal pump pressure of 6.5 bar at approx. 36 l / min.

Integrated 300 liter coolant tank.

150 mm extraction nozzle for connection to an extraction system.

PowerGrind CBN grinding wheel 200x2.0x32mm (1037350).

F-1477a: saw blade holder, magazine / manual operation, automatic clamping:

Saw blade diameter, grinding magazine = 130 - 520 mm

Saw blade diameter, grinding manually = 130 - max. mm

Saw blade diameter, chamfering magazine = 145 - 520 mm

Saw blade diameter, manual chamfering = 145 - max. mm

Possible saw blade holes magazine = 32 - 60 mm

Possible saw blade drilling manually = 25 - 80 mm

Supplied centering rings = none.

2 magazine holding mandrels 32 mm, including magazine accessory kit 32 mm, and 20 intermediate layers 180/52 mm.

Automatic central lubrication.

Automatic chamfering device (saw blade diameter ≥ 145 mm)

Programs for all standard arch and pointed teeth.

Cylindrical grinding of saw blades to grind down the existing toothing.

Automatic switching of the peripheral speed between CBN and DIA grinding wheels.

Air cleaning gun.

1 set of operating tools.

1047785-1001 Standard voltage: 380-415V / 3 Ph / PE, 50 Hz.

1047785-1130 Conversion oil including aerosol extinguishing generator and oil conversion kit

1047785-1315 Air extraction (model 80 electrostatic extractor).

1047785-1331 HSS / HM fine filter system

1047785-1350 POLAR 2.9 cooling device for controlled cooling of cooling lubricants.

1047785-1242 Special program for grinding circular saws with variable tooth pitch.

1047785-1243 Program for the construction and grinding of teeth in carbide or cermet-tipped thin-cut saws with chip breaker (TC, TA saw blades), including chamfering all teeth.

P-0667 reducing ring 32/50 mm.

P-0666 reducing ring 32/40 mm.

1047799 Packaging Lightbox, Evolution K850-M.

1042241 packaging sea crate, polar 2.9.