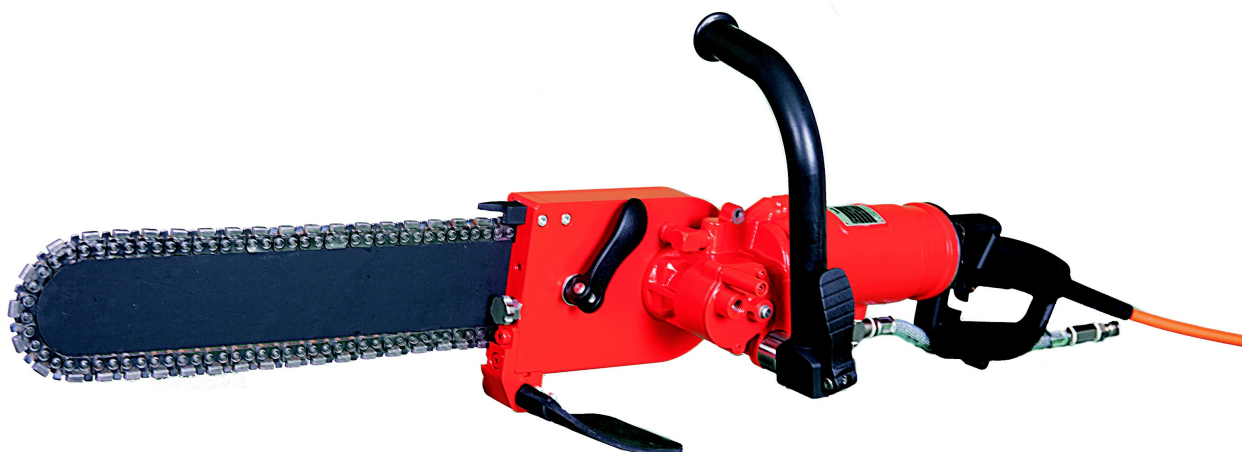


TK40 ANNA

Diamond Chain Saw

*excellent cutting depth up to 405 mm
adjustable handle*



*closed water-cooled high frequency motor
splash water proof according IP55
operation with 230 V and 400 V*

Technical data:	Type	TK 40	TK 40
Nominal voltage	V	230	400
Nominal power	W	3700	6500
Output power	W	2700	4800
Nominal current	A	16	13,5
Bar length	cm	30-40	30-40
Cutting depth	mm	405	405
Drive Sprocket		8 teeth 3/8" and F4	
Speed	1/min	5500	5500
Weight (without cutting equipment)	kg	9,8	9,8

Hello, I am TK40 ANNA, the new diamond chain saw from WEKA.

I am the powerful diamond chain saw for the multi-purpose use in concrete, masonry, stone and for iron pipes. With my large chain and guide selection I cut concrete walls and masonry up to 405 mm deep and can be used ideal for small openings, corner cuts and very deep cuts - a cutting close to the wall is also possible.

High frequency drive

My nominal power at 230 Volt is the maximum possible 3700 W and at 400 Volt 3 AC even 6500 W. My motor is water-cooled with the cooling principle patented by WEKA. The cooling circuit is hereby completely separated from the electrical part of the motor. If in case of very robust handling my seals fail, the cooling water does not enter the inner of the motor, but only leaks to the outside.

Motor control

I am controlled by a very efficient converter, the FU6D, which is located in a small and stable aluminium box. The water-cooled frequency converter FU6D can drive and control all devices of the ANNA and EMMA series as well the HD16 and HD18 as a universal drive unit. It supplies me with the required energy, controls my current input and speed. The integrated (Powerfactor Correction) makes sure that I do not take wattless current from the mains, but only energy which I can convert into mechanical power.



My converter recognizes, if I am connected to 230 V or to 400 V and adapts current and power accordingly. My motor current is controlled according to the requirements and limited to the maximum. Thus I can not be overloaded. The temperature of my motor is checked constantly. If I am loaded too much or cooled too less, my power electronic switches me off before anything can happen.

Status and error signals are indicated to the user via an LED mounted on the frequency converter.

Cutting equipment

The large chain and guide selection allows the selection of the optimal chain technology depending on the application.

Corrosion and water protection

My case is made from aluminium, all main parts of me are rustproof. My converter is not only very powerful and robust, but also splash water proof according protection class IP 55 referring to EN 60 529, i.e. on proper use no water can enter into my internal.

Oil bath lubrication

Of course my gear - like all gears of the WEKA family - is fitted with an oil bath lubrication and thus efficient, low in maintenance and long-living.

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