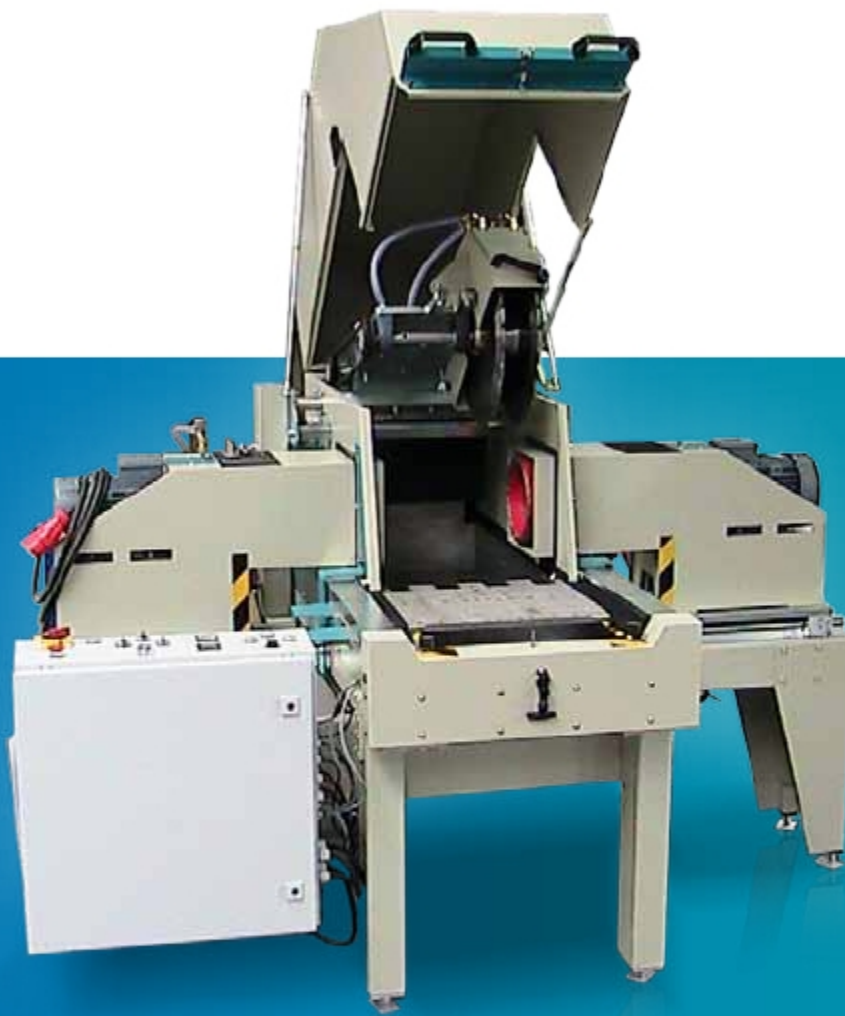




▶ 平行磨削及切割机  
*PARALLEL GRINDING AND CUTTING MACHINE*





土壤  
SOILS

沥青混合料  
BITUMINOUS  
MATERIALS

混凝土  
CONCRETE

## 平行磨削及切割机 直径450 以及 650 毫米

本机设计为单夹具固定试件平行磨削全自动加工中心。作为选项，也可以配置切割装置。基于安全理由，本机完全密封。

磨削或切割的加工是通过一个电子工具架来移动试件。两个磨削装置的进给由促动器执行，材料的磨削程度可预先通过程序设定。磨削头配有钻石以及内部高效冷却液。还有各式夹具用来固定试件（圆芯试件直径为100至150毫米，方块试件为100 x 100或150 x 150毫米）。

可选的切割装置可以配备单片或双片锯片。双片锯之间的距离可以通过替换不同厚度的垫圈改变。因而，通过一次切割就可获得切割表面精确平行的试件。

本机配有防护上盖。全自动操作状态下会被内部锁定开关锁定。控制盘的设计符合人体工程学，配备精心安排的按钮以及选择器开关。

### 规格:

体积 (长 x 宽 x 高, 防护上盖开启)	1850 x 2150 x 2230 毫米
净重	860 公斤
磨削装置功率	2 x 3 千瓦
切割机功率	4 千瓦
磨削头直径	Ø 210 毫米
试样直径 „磨削“	100 至 200 毫米 试样块 100 至 200 毫米 长度 25 至 400 毫米
锯片直径	450 毫米 以及 650 毫米
试件规格 „切割“	最厚 250 毫米

## Parallel grinding and cutting machine Ø 450 and 650 mm

The machine is designed as a fully automatic machining centre for the parallel grinding of specimen with one single clamping. Optionally it can be equipped with a cutting attachment. For safety reasons the machine is completely capsuled.

For both processing types the specimen is moved by an electric tool carriage. The feed of both grinding units is done by electric actuators, the material abrasion is programmable in advance. The grinding heads are equipped with diamonds and with an efficient internal coolant supply. A variety of clampings is available for fixing the specimen (specimen Ø 100 to Ø 150 mm and cubes 100 x 100 or 150 x 150 mm).

The optional cutting unit can be equipped with a single sawing blade or with double sawing blades. The distance between the double sawing blades can be varied in several steps using interchangeable spacers. Therefore with a single cut it is possible to get specimen with exact parallel cut surfaces.

The machine is covered with a protective cover. In fully automatic operation it will be locked by an interlock switch. The control panel is designed ergonomically and is equipped with clearly arranged push buttons and selector switches.

### Specification:

Dimensions (length x width x height, protective cover opened)	1850 x 2150 x 2230 mm
Empty weight	860 kg
Power grinding units	2 x 3 kW
Power cutting unit	4 kW
Diameter grinding heads	Ø 210 mm
Specimen dimensions „grinding“	Ø 100 to Ø 200 mm cubes 100 to 200 mm length specimen 25 to 400 mm
Diameter sawing blades	Ø 450 mm and Ø 650 mm
Specimen dimensions „cutting“	max. thickness 250 mm





混凝土  
CONCRETE

集料  
AGGREGATES

检测  
TESTING

筛分  
SIEVING

取芯  
DRILLING

移动实验室/设施  
LABORATORY CONTAINER/  
FACILITIES



通过两侧磨削头的同时加工，精确平面平行磨削圆形试件。  
电子促动器自动进给磨削头。

*Exact and plane-parallel grinding of a round specimen by simultaneous treatment with grinding heads on both sides. Automatic feed of the grinding units is done by electric actuators*



使用直径为450毫米的锯片切割混合料试件

*Cutting of an asphalt plate using a diamond sawing blade, Ø 450 mm*



使用直径650毫米的双锯片切割直径为300毫米的芯样

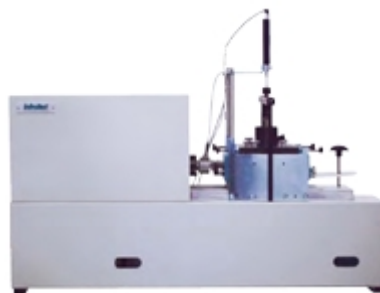
*Cutting of a drilling core 300 mm with the double sawing blade, Ø 650 mm*

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