



FRAME

The Frame is welded of 30mm steel plates. Side opens for service and changing for saws and sawguides.

CENTERING FEEDWORK

For centering and feeding of square cants to circular saws. The feed rollers open and close automatically via photocell impulses.

Four symmetrically placed, movable tables with 2 + 2 vertical feed rollers, hydraulically centered. The roller tables are mounted on four round guides.

Each roller is powered by own geared motor.

FEEDWORK

Consist of two diam. 290 mm bed rollers and two diam. 290 mm top rollers. Each roller is powered by own geared motor. The top rollers are hydraulically operated and can be vertically pre-set. Two manually pre-setted or hydraulically operated guide rollers center the cants accurately before the saws.

SAW GUIDES

The saws are floating on a bottom splined saw arbor. They are guided by eight carbide steel rings. The saws are cooled and lubricated by an air-water mixture via the guide blocks. The saw guides have, thanks to their design a low rate of wear and therefore they requires far less maintenance compared to traditional guides.

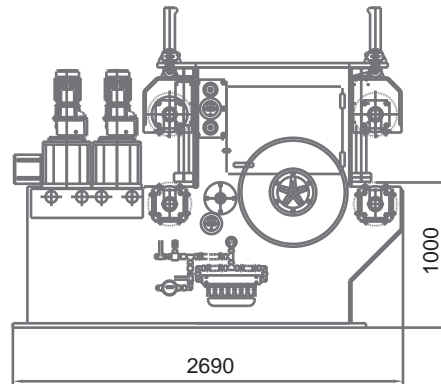
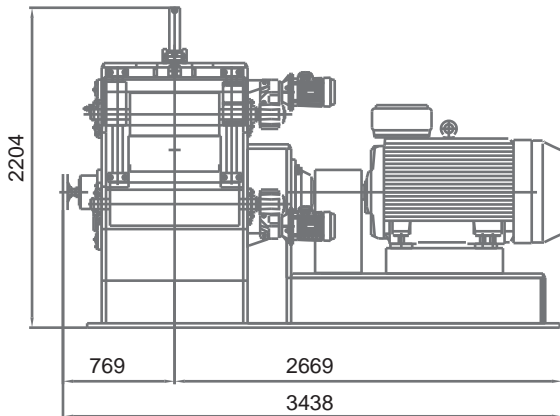
SETTINGS

The saws distance is set with a spacers between the saw guides or with a servo setting system for 3-6 saws.

DRIVE

The saw arbor is driven by main motor via vee-belts or direct driven

DIMENSIONS



TECHNICAL DATA

Max cutting height with	750 saw blade dia	305 mm
	700 saw blade dia	280 mm
	600 saw blade dia	230 mm
	500 saw blade dia	180 mm
Min cutting height		75 mm (50 mm)
Max cutting width		420 mm
Max infeed opening		840 mm
Max number of saw blades		14 pc(not included)
Min sawblade interval		32 mm between fixed saws with standard guides 16 mm with special doublesided guides
Kerf		3,8-4,2 mm
Power rating, saw arbor		160-315 kW
Power rating, centering feedwork		4 x 2,2 kW
Power rating, feedwork		4 x 2,2 kW
Water requirement per saw in use		0,8 l/min at 4 bar
Air requirement per saw		100 l/min at 6 bar
Feed speed		35-120 m/min
Weight		9000 kg

Delivered with motors, drives, hydraulic valves and 10 standard saw guides for min. 32 mm saw thickness, 20 spacer rings in sizes to be nominated.

