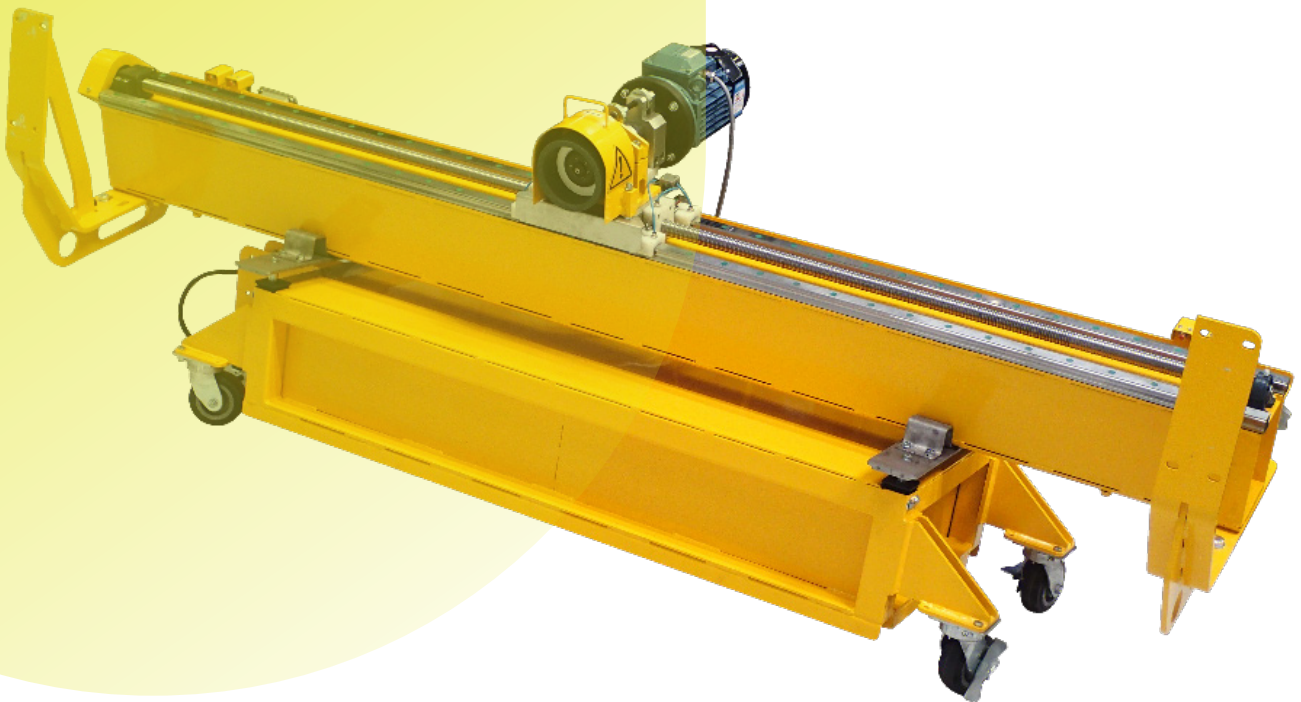


Automatic Roll
Grinder.
OLFS.



Bühler's Roll Grinding Unit OLFS.

The sturdy and high quality grinding solution.

Regular maintenance of a flaking rolls' surface is an essential preventive action to prolong roll life time. Bühler's OLFS is a rugged and easy mountable automatic roller grinding unit which allows on-site refurbishing of the roll surface without removing the rolls from the flaking mill.

Precise grinding results.

This grinder was especially developed for 800 mm and 600 mm diameter rolls and it ensures excellent grinding results which are comparable to a stationary grinding machine thanks to:

- the high structural stiffness of the machine's beam
- the accuracy of the linear movements and
- the possibility to select the optimal conveying speed of the grinder headstock

The automatic roller grinder OLFS will make your grinding operations more effective in both time and quality.



Customer value:

- Quick and easy mounting
- Fast automatic roll grinding of entire rolls and roll ends
- Excellent grinding quality for extended flaking roll life time
- High operating reliability and availability
- Easy operation of control unit with three pre-defined automatic programs and a manual mode
- Available for 2100, 2000 and 1600 mm roll length

Excellent grinding quality. For extended flaking roll life time.

Technical data:

		OLFS		
Flaking Mill		OLFB		DOZC
Working length	mm	1600	2100	2000
Machine dimensions				
Total length				
Width	mm	2230	2730	2560
Height	mm	630	630	630
	mm	545.5	545.5	570
Motors (50 Hz)				
Gear motor	kW / rpm	0.55 / 193	0.55 / 193	0.55 / 193
Grinding head motor	kW / rpm	1.5 / 2840	1.5 / 2840	1.5 / 2840
Weight				
Grinding head, beam and support	kg	287.5	353	350
Control cabinet with trolley and wires	kg	68	68	68

Execution details:

- Especially designed for Bühler's high performance flaking mills OLFB, DOZC
- The OLFS comprises:
 - Support beam - entirely made of steel
 - Grinder headstock and headstock traversing drive (with 0.55 kW motor)
 - Grinder with cup wheel support and guard (with 1.5 kW motor (50 HZ))
 - Control panel (equipped with a variable frequency drive) (VFD)
- Adjustable motor traveller rail speed
- Sliding limit switch for grinding of partial roll surfaces areas
- Trolleys and motor traveller rail cleaned by compressed air
- Hydraulic carrier for easy lifting of grinder to flaking mill frame

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