

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
<b>Working length</b>	mm	1600	2100	2000
<b>Machine dimensions</b>				
Total length				
Width	mm	2230	2730	2560
Height	mm	630	630	630
	mm	545.5	545.5	570
<b>Motors (50 Hz)</b>				
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
<b>Weight</b>				
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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