

# Plant Service

Grain Processing Customer Service



# Professional service. Higher operating reliability.



Professional Buhler service increases the operating reliability of your plant.

Complete Buhler service will extend the life cycle of your plant, depending on the service level you select. The retrofit packages required for this purpose have been specially developed for maintaining the performance of your equipment.

With the "Full-Flat" service level, Buhler will take care of the entire daily maintenance that your production plant requires at a flat rate.

- Flat-rate offers
- Higher operating reliability
- Warranty thanks to genuine Buhler spare parts

# Preventive maintenance. Profits through planning.

## **Technological/mechanical/electrical check**

- Determination of the current situation on the basis of checklists
- Creation of a report (suggested measures)
- Creation of a thermoswitch report
  - Motor control cabinet
  - Local controllers (electronics)
  - Critical loading points

## ➔ **Accident prevention and risk analysis**

## **Roll service**

- Roll reconditioning (corrugating/fluting, grinding)
- Roll changes
- Roll exchanges
- Roll logistics
- Maintenance management

## ➔ **Yield and profit optimization**

## **Calibration**

- Calibration and checking of scale systems
- Calibration and checking of network systems
- Performance check of probes and pressure sensors
- Assurance of proper settings of different local controllers
  - Roller mills and frequency converters
  - Feeders and scales, filter controllers
  - Pellet mills, hammer mills

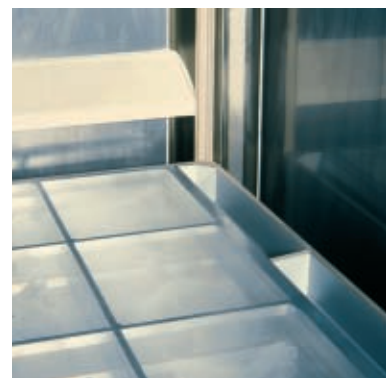
## ➔ **Quality through accuracy**

## **Cleaning of machines**

- Cleaning of plansifters (sieve changes)
- Cleaning of cleaning equipment (screen changes)
- Cleaning of roller mills (brush and scraper changes)
- Cleaning of filters and filter bags (sleeves); exchange
- Cleaning of conveyors
- Cleaning and performance check of probes

## ➔ **Product safety (HACCP\*)**

\* Hazard Analysis and Critical Control Point



# Service from a single source. Fast and dependable.

## **Control system maintenance**

- Creation of backup files
- Clearing-up of data on the hard disk
- Hardware check (PC, printer)
- Battery check

→ **Retraceability**



## **Surface cleaning/lubrication**

- Production area cleaning
- Machine cover cleaning
- Plant components cleaning (gravity spouting, etc.)
- Compressed air system check
- Lubrication

→ **Operating reliability**



## **Cleaning of bins and gravity spouting**

- Inside cleaning of gravity spouting
- Inside cleaning of storage bins
- Inside cleaning of hoppers
- Inside cleaning of aspiration piping

→ **Hygiene and quality (HACCP)**



## **Troubleshooting/spare parts**

- Mechanical and electrical troubleshooting
- Electronic troubleshooting (control systems)
- Replacement of wear parts
- Provision of spare parts

→ **Readiness for service**



# Individual packages. Flexible services.

Services	Service Levels				
	Basic	Standard	Advanced	Professional	Full Flat
Technological plant check	X	X	X	X	X
Visual and audible test/check	X	X	X	X	X
Roll service, Standard	X				
Roll service, Silver		X			
Roll service, Gold			X		
Roll service, Platinum				X	X
Calibration		X	X	X	X
Filter/filter bag cleaning/changing		X	X	X	X
Sieve cleaning/changing		X	X	X	X
Control system maintenance (clearing-up and backup of data)			X	X	X
Cleaning (surfaces)				X	X
Lubrication				X	X
Mech. and electr. troubleshooting (actual cost)				X	
Mech. and electr. troubleshooting (flat rate)					X
Spare parts (actual cost)		X	X	X	
Spare parts (flat rate)					X
Gravity spouting, inside cleaning				X	X
Bin cleaning				X	X

In addition to these five listed service levels, you may of course also benefit from customized service packages.

- All services listed may also be used individually
- Buhler service is as flexible as our customers need it

- High uptime
- Assured product safety
- Top quality
- Individual service

Bühler AG  
CH-9240 Uzwil, Switzerland  
T +41 71 955 30 40  
F +41 71 955 33 05  
service.gp@buhlergroup.com  
www.buhlergroup.com

