



SmartWhite.
DRWD Whitener.

PITSTOP

PITSTOP Maintenance.

The SmartWhite DRWD is a key machine in your plant. Regular maintenance is essential to maintain the desired consistently high delivery rate.



In addition, Bühler experts recommend local provision of critical spare and wear parts to avoid considerable financial damage if worse comes to worst.

Optimum support for this is provided by the PITSTOP maintenance schedule. The recommendations therein are based on the comprehensive experience of Bühler experts.

Key benefits

- Preventive maintenance maximizes the availability of the machine.
- On-site availability of critical spare parts reduces outage times to an absolute minimum.
- Sustained value through preventive maintenance

PITSTOP Maintenance schedule.

		Dauky	Weekly	Monthly / 500 h	Quarterly / 1,500 h	Half Yearly / 3,000 h	Annually / 6,000 h
Preventive maintenance	Comments						
Check the machine for vibrations and unusual noises							
If machine vibrates in empty running then this could be a result of imbalance caused by uneven grinding wheel wear.	Do not use eccentric grinding wheels	•	-	-	-	-	-
Clean machine surface, aspiration hood.	Clean with hand brush and vacuum	•	-	-	-	-	-
Clean sieve basket and sieve plate# by means of a brush / compressed air	Only when machine is at standstill	•	-	-	-	-	-
Clean interior	Only when machine is at standstill	-	•	-	-	-	-
Rotate the screens for better performance		-	-	•	-	-	-
Check and adjust if required the sieve frame so that the milling gap is appropriate.		-	-	•	-	-	-
Check wear of screens*and replace if required		-	-	-	•	-	-
Check wear of brake bars* and replace if required		-	-	-	-	•	-
Check feed screw wear*, reverse / replace if required		-	-	-	-	-	•
Check and replace grinding wheel* if required	See also machine manual	-	-	-	-	-	•
Check V-belt tension, re-tension if necessary. Replace at once in the event of wear.	See also machine manual	-	-	-	-	-	•
Re-lubricate motor bearing at grease point	See also nameplate of motor	-	-	-	-	-	•
Check the roller bearings of rotor and replace if necessary.		-	-	-	-	-	•

Clean sieve plates using a wire brush if there is heavy clogging.
* Life of wear parts depends greatly on whitening, capacity and other variables, hence the maintenance frequency

PITSTOP
Wear parts.

SI. No	Description	Part number	Qty / machine	Intervals
1	Grinding Stones Top (Variant)			
	Grinding wheel C30 (Local)	BSPB-10362-001	1	1Y - 1.5Y
	Grinding wheel top C30	BSPB-30061-010	1	1Y - 1.5Y
2	Grinding Stones (Variant)			
	Grinding wheel C16 (Local)	BSPB-10355-003	5	1Y - 1.5Y
	Grinding wheel C24 (Local)	BSPB-10355-002	5	1Y - 1.5Y
	Grinding wheel C30 (Local)	BSPB-10355-001	5	1Y - 1.5Y
	Grinding wheel C36 (Local)	BSPB-10355-004	5	1Y - 1.5Y
	Grinding wheel C46 (Local)	BSPB-10355-005	5	1Y - 1.5Y
	Grinding wheel middle C36 (Import)	BSPB-30060-010	5	1Y - 1.5Y
	Grinding wheel middle C30 (Import)	BSPB-30060-020	5	1Y - 1.5Y
	Grinding wheel middle C24 (Import)	BSPB-30060-030	5	1Y - 1.5Y
	Grinding wheel middle C18 (Import)	BSPB-30060-040	5	1Y - 1.5Y
	Grinding wheel middle C20 (Import)	BSPB-30060-050	5	1Y - 1.5Y
	Grinding wheel middle C16 (Import)	BSPB-30060-060	5	1Y - 1.5Y
3	Sieve for 11mm gap Sieve frame			
	Sieve 0.8 x 28 mm (Import)	BSPB-20008-020	3	3M - 4.5M
	Sieve 1.0 x 28 mm (Import)	BSPB-20012-020	3	3M - 4.5M
	Sieve 0.8 x 28 mm (Local)	DRWD-11581-001	3	3M - 4.5M
	Sieve 1.0 x 28 mm (Local)	DRWD-11580-001	3	3M - 4.5M
	Countersunk bolt M6 x 25 for sieve fixing	UNN -10060-370	45	3M - 4.5M
	Countersunk bolt M6 x 30 for sieve fixing	UNN -10060-372	15	3M - 4.5M
	Lock nut M6 for Sieve frame	UNN -12016-004	15	In case of damage
4	Feed screw (Reversible)	BSPB-10263-001	1	1.5Y – 2Y
5	Vertical Brake with chamfer (Variant)			
	Vertical Brake 3 mm thick	BSPB-40042-020	3	0.5M – 5 M
	Vertical Brake 4 mm thick	BSPB-40042-030	3	0.5M – 5 M
	Vertical Brake 5 mm thick	BSPB-40042-040	3	0.5M – 5 M
6	Vertical Brake without chamfer (Variant)			
	Vertical Brake 1.5 mm thick	BSPB-40053-070	3	0.5M – 5 M
	Vertical Brake 2 mm thick	BSPB-40053-010	3	0.5M – 5 M
	Vertical Brake 3 mm thick	BSPB-40053-020	3	0.5M – 5 M
	Vertical Brake 4 mm thick	BSPB-40053-030	3	0.5M – 5 M
	Vertical Brake 5 mm thick	BSPB-40053-040	3	0.5M – 5 M
	Vertical Brake 6 mm thick	BSPB-40053-050	3	0.5M – 5 M
	Vertical Brake 8 mm thick	BSPB-95034-810	3	0.5M – 5 M
7	Chute	BSPB-30052-010	1	1.5Y-2.0Y

PITSTOP
High life wear parts.

SI. No	Description	Part number	Qty / machine	Intervals
1	Vertical Brake with chamfer - Cladded (Variant)			
	Vertical Brake 3 mm thick	BSPB-11386-001	3	2.5M – 25 M
	Vertical Brake 4 mm thick	BSPB-11393-001	3	2.5M – 25 M
	Vertical Brake 5 mm thick	BSPB-11397-001	3	2.5M – 25 M
	Vertical Brake 6 mm thick	BSPB-11400-001	3	2.5M – 25 M
2	Vertical Brake without chamfer - Cladded (Variant)			
	Vertical Brake 3 mm thick	BSPB-11383-001	3	2.5M – 25 M
	Vertical Brake 4 mm thick	BSPB-11387-001	3	2.5M – 25 M
	Vertical Brake 5 mm thick	BSPB-11404-001	3	2.5M – 25 M
	Vertical Brake 6 mm thick	BSPB-11408-001	3	2.5M – 25 M
3	Feed screw cladded	DRWD-11787-001	1	7.5Y - 10 Y

Please Note: The above mentioned quantity is per machine, based on the customer requirement, the quantities change for top, middle and bottom sieves.

Y-Year, M-Months

Please Note: The wear part replacement frequency mentioned above is for normal way of running the machine in line with Buhler recommendation.

The intervals specified are approximate values. Wear depends greatly on the capacity, hulling and other factors

PITSTOP
Critical spare parts.

Sl. No	Description	Part number	Qty / machine	Remarks / Installation location
1	Belt XPB 2360mm	UVN -64019-135	6	Drive
2	deep groove ball bearing 6216	UXN -56001-015	1	Rotor bearing assembly below
3	Grease Lithium Shell Alvanin 3	UVB -18000-113	1	Rotor bearing assembly below
4	Shaft seal D=75/95x10	UVN -44009-041	2	Rotor bearing assembly below
5	Tab washer D80/112 bright DIN 5406	UNN -14023-015	1	Rotor bearing assembly below
6	socket head cap screw M10x25	UNN -10043-060	6	Rotor bearing assembly below
7	Bearing Bush	BSPB-10663-001	1	Rotor bearing assembly below
8	self-aligning roller bearing 22312E/VA40	UVN -56010-154	1	Grinding Rotor
9	Shaft seal D=75/95x10	UVN -44009-041	3	Grinding Rotor
10	Blotter	BSPB-10183-001	36	Grinding Rotor
11	tension flange with borehole	BSPB-10004-010	5	Grinding Rotor
12	tension flange assembly BBAN	BSPB-11841-001	5	Grinding Rotor
13	Spacer ring	BSPB-10184-001	36	Grinding Rotor
14	Tension flange	BSPB-10004-050	1	Grinding Rotor bottom stone
15	Bottom tension flange assembly	BSPB-10188-001	1	Grinding Rotor bottom stone
16	retarding plate with cover	BSPB-84036-810	1	Outlet unit assembly
17	Laminated spring	BSPB-50047-010	1	Outlet unit assembly
18	Ammeter 75A	UNE -34110-434	1	Main machine
19	Ammeter 100A	UNE -34110-435	1	Main machine
20	Ammeter 150A	UNE -34110-437	1	Main machine
21	Sight glass	BSPB-10344-001	2	Inlet assembly
22	window pane complete	BSPB-10655-001	2	Inlet assembly
23	O-ring D1.78x14 NBR	UNN -44020-202	4	Sieve frame adjustment
24	rod end D10H7 M10x1.5	UNN -20017-002	2	Sieve frame adjustment
25	Bearing screw	BSPB-50035-010	12	Sieve frame adjustment
26	Guide bush	BSPB-50049-010	2	Retarding plate



Request for quotation

Machine number (always specify)

Company

Name / Prenom

Street / No.

ZIP / Place / Country

Comments



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