

W-MAKE · SOFTWARE FOR INDUSTRIAL PROCESSES

W-Make Batch

From recipe to day close. Batch management software for container-glass production, designed for a pull of 150 to 600 t/d.

Where lists fall short in shift operation

Values kept several times

Recipe, batch sheet, silo level and daily log live in separate files. Values are copied by hand.

Corrections without a trace

Once a row is overwritten, nobody can see later what was there before.

Differences the next morning

If the silo level is off, the difference can no longer be matched to any event.

One continuous process

01

Recipe

Composition and version

02

Batch sheet

The working document for the batch

03

Batch log

The record of the posting

04

Silo

Consumption comes off stock

05

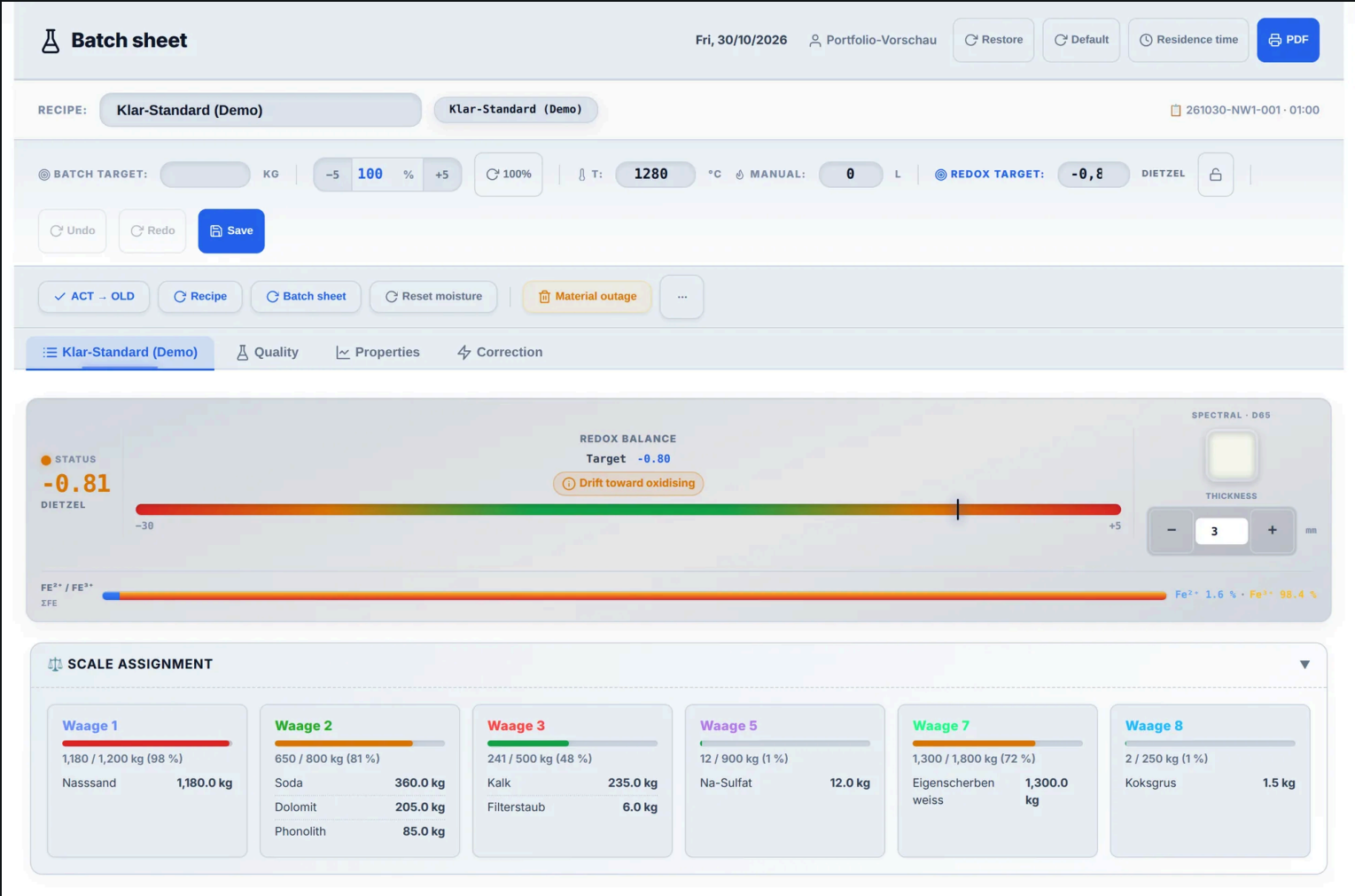
Log

Target and actual per production day

Prepare the batch

The recipe is taken into the batch sheet. Above it sit batch size, temperature and redox target, below it the load on each scale. A scale close to its limit shows up early.

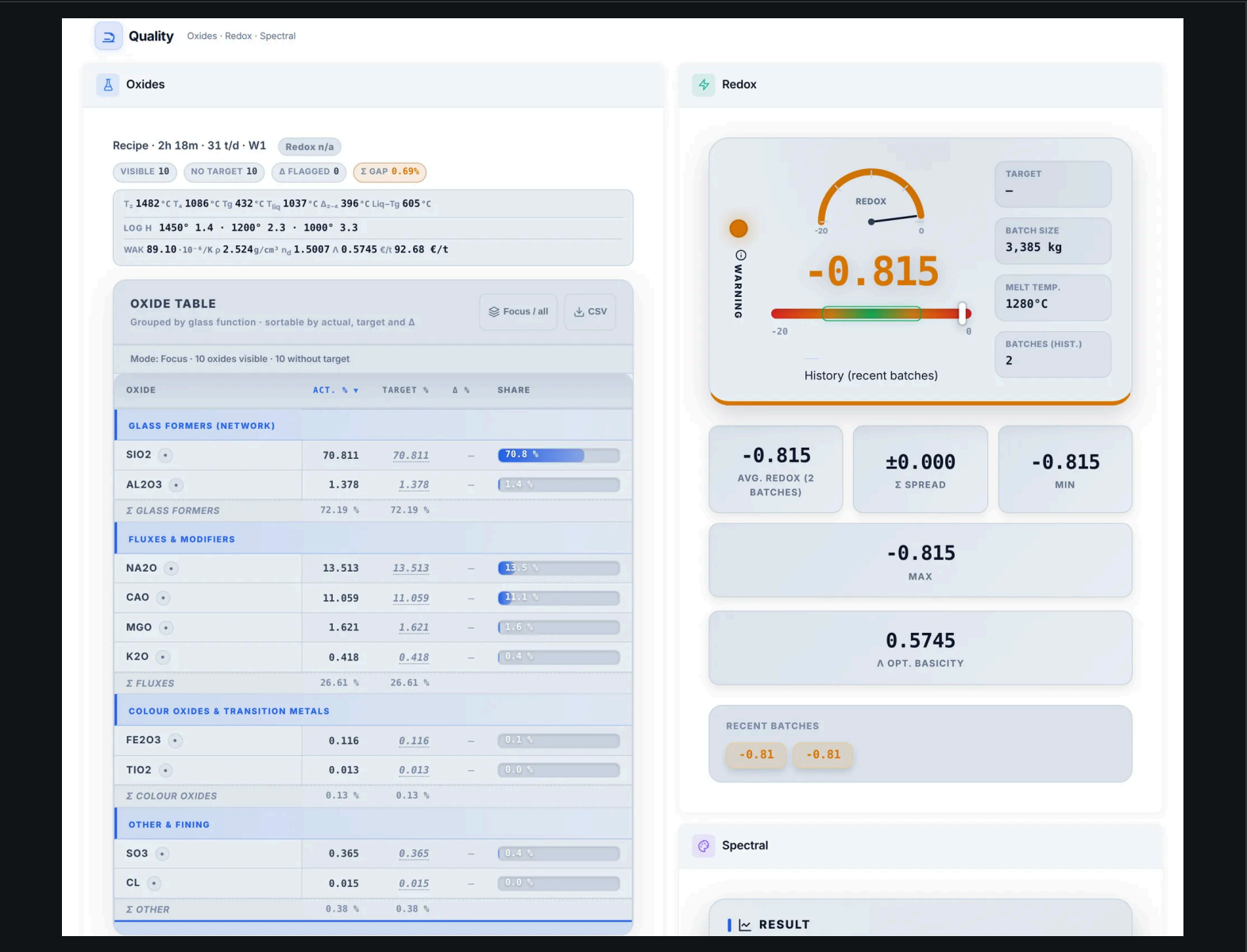
Captured in a demo copy. All values are demo data.



Check before posting

The oxide table compares actual and target, grouped by function in the glass. Next to it are the redox value and the latest batches.

Captured in a demo copy. All values are demo data.



The batch log

All posted batches are listed with number, shift, recipe and glass mass. Filters and search lead quickly to an entry, and the figures above show progress against the daily target.

Captured in a demo copy. All values are demo data.

305
LOGGED BATCHES
295 this month

8
CHARGES TODAY
23.8 t produced

79 %
DAY TARGET TODAY
Actual 23.8 of target 30 t

—
AVG. COST

—
AVG. REDOX

All

✓ Routine batches

↺ Colour change

↺ Redox < -8

30.09.2026

30.10.2026

All recipes

All reasons

Search (charge, recipe, note)...

CSV

CSV+oxides

305 entries · page 1 / 13

☐	#	NO.	DATE	SH.	RECIPE	GLASS MASS	REASON	REDOX	MELTER	DAY & SET			
☐	1	261030-NW1-001	Batch booked	30/10/2026	N	KLAR	3.51 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★
☐	2	261030-SW1-003	Batch booked	30/10/2026	S	KLAR	3.35 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★
☐	3	261030-SW1-002	Batch booked	30/10/2026	S	KLAR	3.35 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★
☐	4	261030-SW1-001	Batch booked	30/10/2026	S	KLAR	3.35 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★
☐	5	261030-FW1-004	Batch booked	30/10/2026	F	KLAR	2.57 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★
☐	6	261030-FW1-003	Batch booked	30/10/2026	F	KLAR	2.57 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★
☐	7	261030-FW1-002	Batch booked	30/10/2026	F	KLAR	2.57 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★
☐	8	261030-FW1-001	Batch booked	30/10/2026	F	KLAR	2.57 t	—	—	Schichtleitung	3 ● 30.4 / 23.8t · 8/10 ch	↺	★

Every batch stays on record

One click shows what was used: for each raw material the quantity, the difference from the previous posting, and the cost.

Captured in a demo copy. All values are demo data.

261030-NW1-001

CURRENT BATCH

KLAR

30/10/2026 · N shift

3.38 t
BATCH MASS

3.51 t
GLASS MASS

103.7 %
YIELD
-3.7% loss

—
REDOX

×

MELTER Schichtleitung

SHIFT N

RAW MATERIALS · RECIPE VS. CHARGED

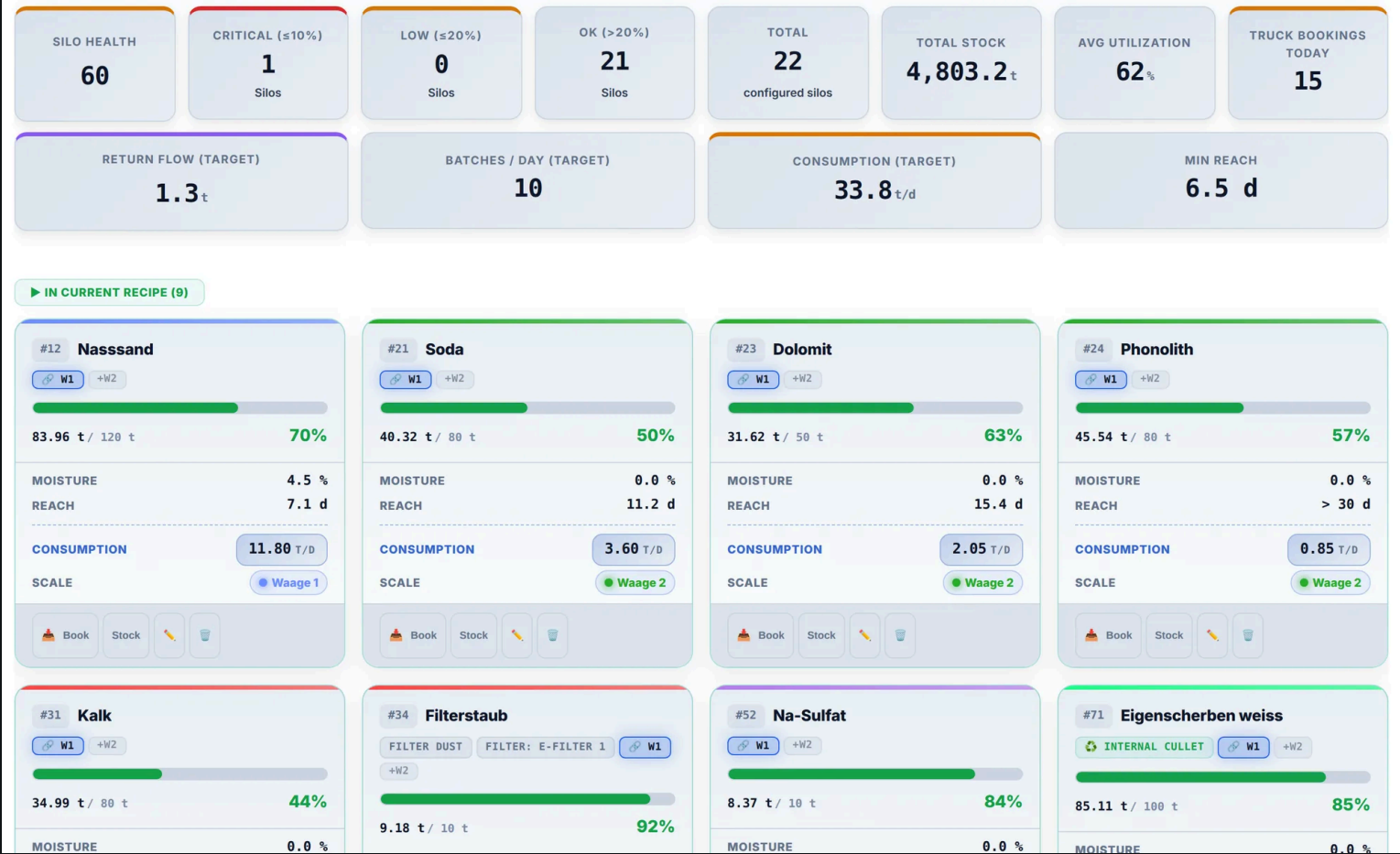
Comparison with 261029-FW1-004 · 2026-10-29

SILO	MATERIAL		PREV. BOOKING · 261029-FW1-004	CHARGED	Δ KG	COST
● OHNE WAAGE						3,385 kg
—	Wet sand	<div></div>	1,180.0 kg	1,180.0 kg · 34.9%	+0.0	49.56 €
—	Soda ash	<div></div>	360.0 kg	360.0 kg · 10.6%	+0.0	104.40 €
—	Limestone	<div></div>	235.0 kg	235.0 kg · 6.9%	+0.0	8.93 €
—	Dolomite	<div></div>	205.0 kg	205.0 kg · 6.1%	+0.0	11.28 €
—	Phonolite	<div></div>	85.0 kg	85.0 kg · 2.5%	+0.0	8.08 €
—	Sodium sulfate	<div></div>	12.0 kg	12.0 kg · 0.4%	+0.0	2.16 €
—	Coke breeze	<div></div>	1.5 kg	1.5 kg · 0.0%	+0.0	0.46 €
—	Filter dust	<div></div>	6.0 kg	6.0 kg · 0.2%	+0.0	—
—	In-house cullet (white)	<div></div>	1,300.0 kg	1,300.0 kg · 38.4%	+0.0	91.00 €
Total			3,384.5 kg	3,384.5 kg	+0.0	275.87 €

Stock and days of cover

A card for each silo shows level, moisture, daily consumption and days of cover. The overview of all silos sits on top.

Captured in a demo copy. All values are demo data.



Target and actual per production day

The monthly table sets batches and tonnage per day against the target. The individual day opens from here.

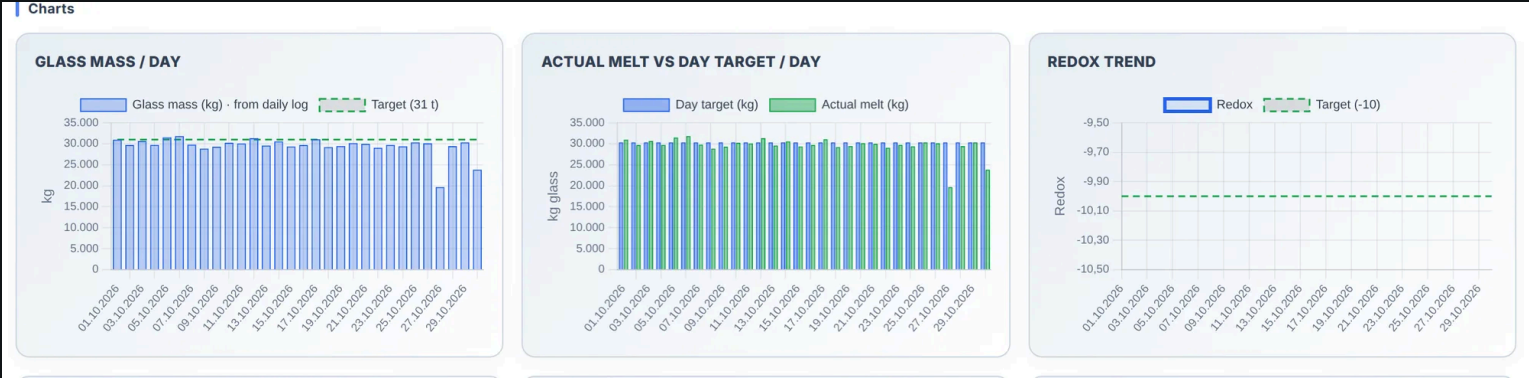
Captured in a demo copy. All values are demo data.

Q e.g. date, status, batch, charges, note ...										
DATE ▲	STATUS	BATCH	DAY & SET	CH. TARGET	CH. ACTUAL	T TARGET	T ACTUAL	TREND	NOTE	ACTIONS
30.10.2026 TODAY	AUTO (SYSTEM)	klar - No. 260930-NW1-001	3 ● 30.4 / 23.8t ...	13 Model	8 GB:8	30.4 t	23.8 t	—	Vorführdaten – Tagesv...	
29.10.2026	AUTO (SYSTEM)	klar - No. 260930-NW1-001	10 ● 30.4 / 30.4t...	10 Model	10 GB:10	30.4 t	30.4 t	—		
28.10.2026	AUTO (SYSTEM)	klar - No. 260930-NW1-001	10 ● 30.4 / 29.4t...	10 Model	10 GB:10	30.4 t	29.4 t	—	Vorführdaten – Tagesv...	
27.10.2026	AUTO (SYSTEM)	klar - No. 260930-NW1-001	10 ● 30.4 / 19.7t...	10 Model	7 GB:7	30.4 t	19.7 t	—	Vorführdaten – Tagesv...	
26.10.2026	AUTO (3 SHIFTS)	klar - No. 260930-NW1-001	10 ● 30.4 / 30.1t...	10 Model	10 GB:10	30.4 t	30.1 t	—	Vorführdaten – Tagesv...	
25.10.2026	AUTO (3 SHIFTS)	klar - No. 260930-NW1-001	10 ● 30.4 / 30.3t...	10 Model	10 GB:10	30.4 t	30.3 t	—	Vorführdaten – Tagesv...	
24.10.2026	AUTO (3 SHIFTS)	klar - No. 260930-NW1-001	10 ● 30.4 / 29.4t...	10 Model	10 GB:10	30.4 t	29.4 t	—	Vorführdaten – Tagesv...	
23.10.2026	AUTO (3 SHIFTS)	klar - No. 260930-NW1-001	10 ● 30.4 / 29.8t...	10 Model	10 GB:10	30.4 t	29.8 t	—	Vorführdaten – Tagesv...	
22.10.2026	AUTO (3 SHIFTS)	klar - No. 260930-NW1-001	10 ● 30.4 / 29.1t...	10 Model	10 GB:10	30.4 t	29.1 t	—	Vorführdaten – Tagesv...	

The month at a glance

The report shows glass quantity, melt against daily target, and the redox trend. Reports can be exported.

Captured in a demo copy. All values are demo data.



Operation and limits

Operation

On your own server, supported by me or your IT, or by subscription on W-Make servers.

Integration

REST API for machine data, CSV export for SAP, print and PDF. Multiple sites, user roles, interface in German and English.

Not a plant control system

Your PLC keeps controlling scales and conveyors. Batches and stock levels can be taken over from an MES or PLC.

The next step

Send me a short note on how the process runs today and who works with it.

- Reply within two working days
- Temporary demo access on request
- Written scope and price before work starts

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