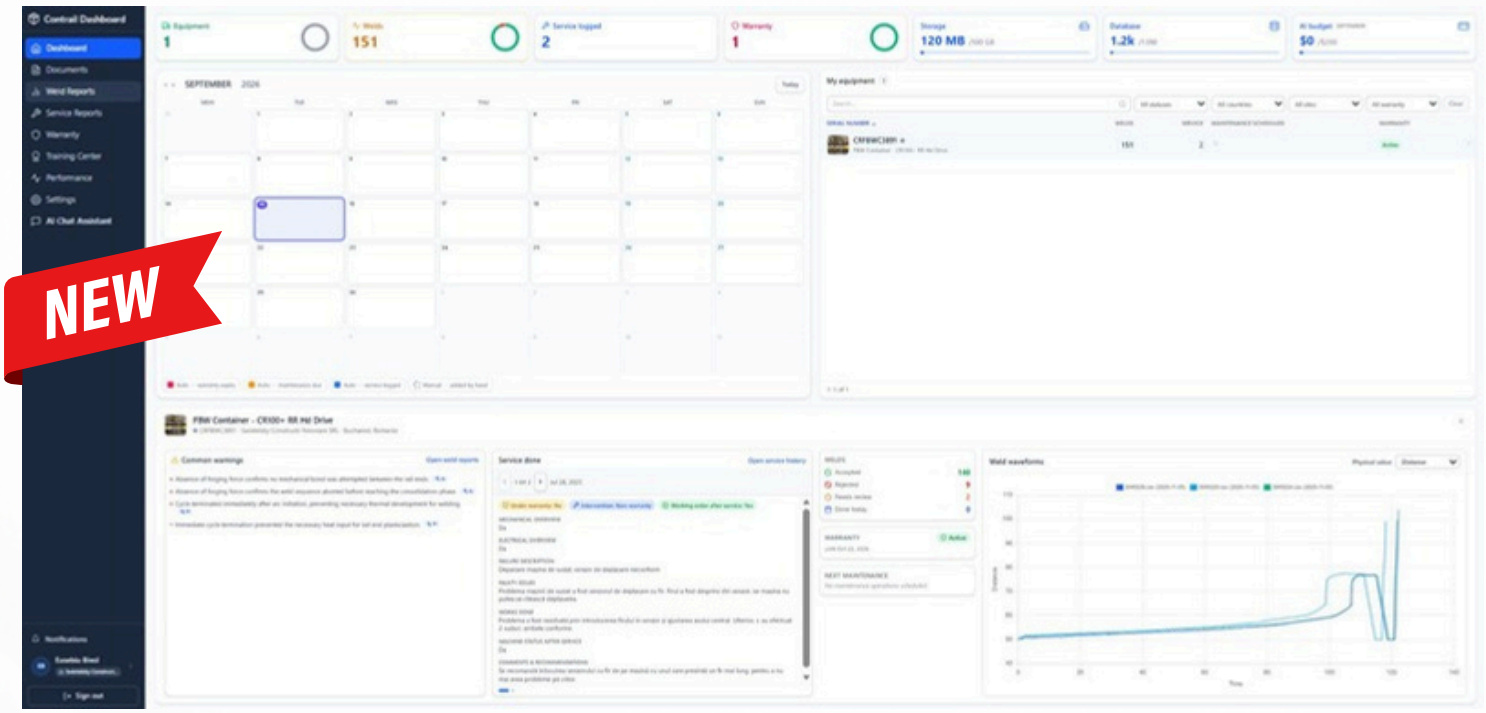
CONNECTED WELDING FLEET

CONTRAIL PORTAL

THE DIGITAL PORTAL TO YOUR WELDING FLEET

One secure portal. Every machine. Every weld. Every service event.

Contrail Portal gives each customer a single point of access to its own fleet: live weld reports identical to those generated on the machine, a machine file per unit, service history, maintenance planning, documentation and operator certifications, from browser, tablet or phone.



Availability	Welds completed	Acceptance rate	Alarms & downtime	Service due	Machine health
per machine & fleet	per day, shift, operator	with rejection causes	with event history	checks, warranty, subscription	overall health score

// PLATFORM CAPABILITIES

01 FLEET OVERVIEW

See which machines are online, where they are and what state they are in with secure access from browser, tablet or phone.

02 LIVE WELD REPORTS

Every weld report, identical to the one generated on the machine, filterable by date, operator and rail type with the full welding history retained.

03 MACHINE FILE & SERVICE HISTORY

One record per unit: identity, warranty and subscription status, health score, and every remote or on-site intervention.

04 MAINTENANCE PLANNER & SPARE PARTS

Automatic reminders derived from the maintenance manual, warranty and subscription expiry, scheduled service, and a spare-parts view with minimum stock thresholds and quote requests.

05 DIGITAL LIBRARY

Operating and maintenance manuals, electrical and hydraulic schematics, FAT/SAT certificates, firmware and PLC backups, in one controlled location.

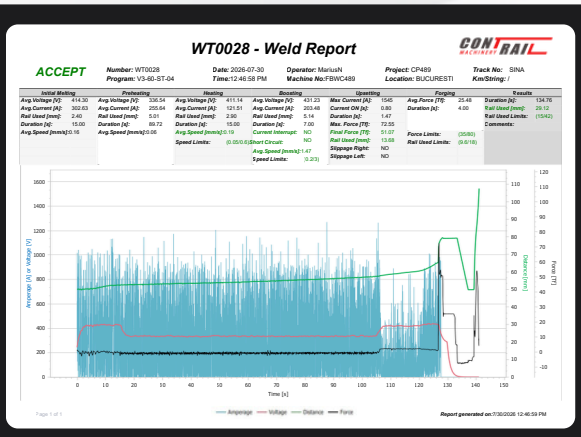
06 OPERATOR TRAINING CENTRE

Certification status per operator, with defined validity, and recertification requests handled directly in the portal.

BUILT ON THE NEW-GENERATION CONTROL SYSTEM

Contrail Portal is the connected extension of the control system developed for the CR120. The data does not come from an add-on box, it comes from the welding process itself.

- Continuous recording of current, voltage, displacement and force, with automatic acceptance against configured limits
- Weld reports with high-resolution curve analysis, stored on the machine and synchronised to the Contrail-managed cloud
- Machine-wide supervision: welding head, hydraulic and cooling stations, generator set, full event history
- Secure remote access for diagnostics and support under the Contrail service programs



WELD REPORT AS GENERATED ON THE MACHINE, IDENTICAL IN THE PORTAL

// FROM MACHINE DATA TO ACTION

LESS
UNPLANNED DOWNTIME

Alarms, event history and service reminders let you plan maintenance before a stop, not after.

FASTER
SERVICE & DIAGNOSTICS

Remote diagnostics and a complete machine file mean interventions are prepared before a technician travels.

FULL
TRACEABILITY

Every weld, alarm, intervention and document is retained per machine, auditable years later.

ONE
STANDARD ACROSS SITES

Compare machines and welding teams in different locations using the same KPIs and the same acceptance logic.

// FROM MACHINE DATA TO ACTION

01 WELD
High-resolution weld data & acceptance on the machine

02 MONITOR
Fleet status, alarms & KPIs in the portal

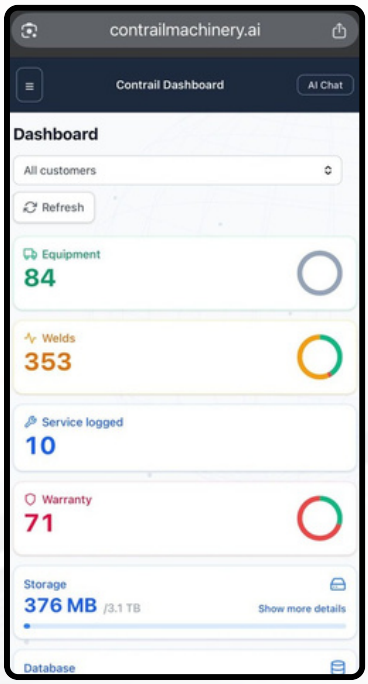
03 DIAGNOSE
Remote diagnostics with the full machine record

04 MAINTAIN
Planned service, spare parts, warranty tracking

05 LEARN
Documentation & operator certification

// NEXT ON THE ROADMAP

- **AI assistant for troubleshooting** - grounded in manuals, machine history, logs and alarms, to speed up fault investigation.
- **Predictive maintenance** - degradation trends and failure-risk estimates from the monitored machine data.
- **AI recommendations** - for maintenance, spare parts and welding performance improvement.



// SECURE BY DESIGN

Contrail-managed cloud - Your fleet data in a dedicated, Contrail-operated environment, synchronised from onmachine storage.

Role-based access - Each customer sees only its own machines; operators, maintenance and management get the views they need.

Any device - Browser-based, no installation; works on desktop, tablet and phone, on site or in the office.

See Contrail Portal live
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