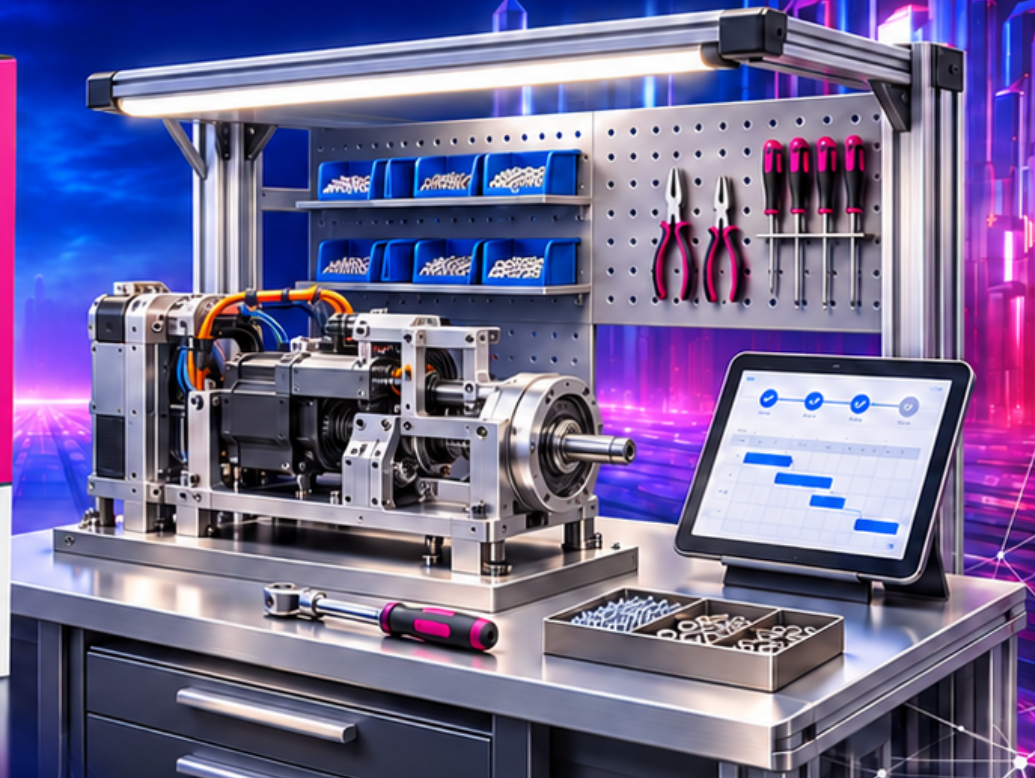
ReCON

INFORMATION FOR SUCCESS

Assembly in ReCON MES





Assembly in context

Assembly in ReCON MES brings the machine plan, assembly process and people's work together in one view.

Work in progress at a glance

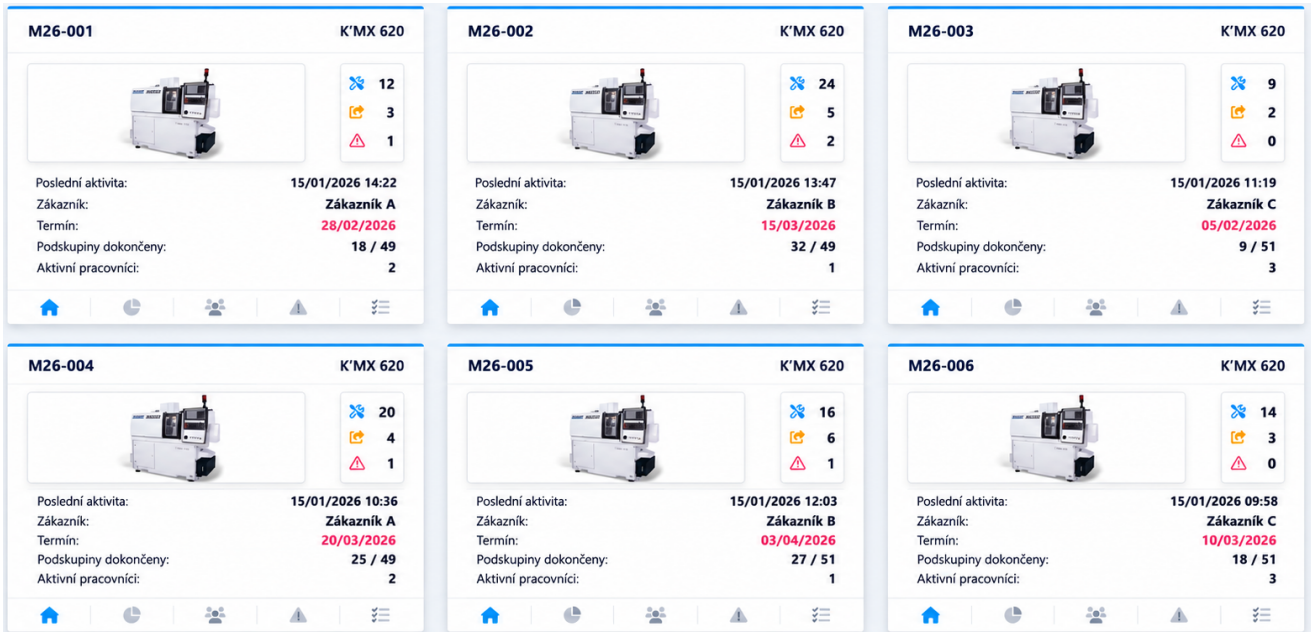
Clear cards show machines, deadlines, the latest activity and subgroup status.

People's work in context

Current technician activity and the history of work on each serial number.

Assembly labour time

Planned and recorded hours linked to operational reports and Power BI.

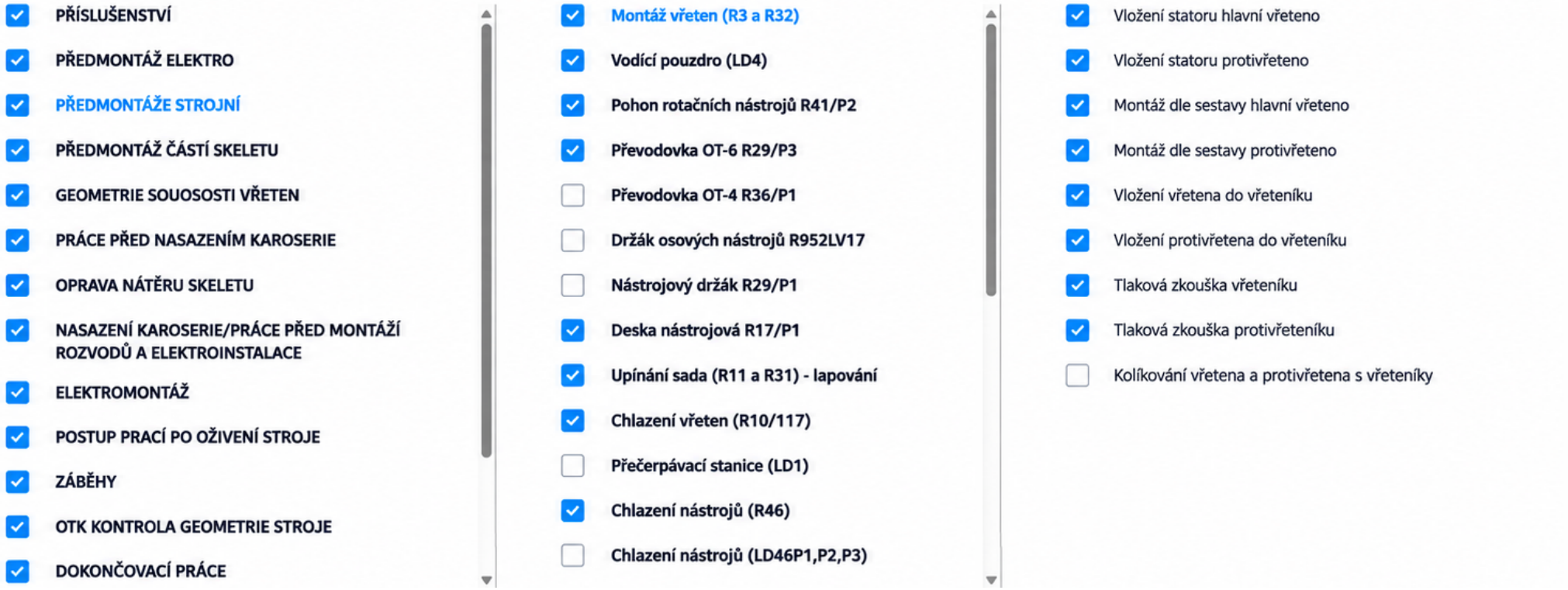


Move from the overview to an individual assembly, its subgroups, technicians and related reports.

Edited interface illustration in Czech. Data shown are illustrative.

Assembly process by machine type

Groups, subgroups and individual tasks provide a clear assembly structure.



Context from the start

The customer, serial number, deadline and planned hours form part of the assembly setup.

Structure by product

The configurator works with each machine type and its assembly groups.

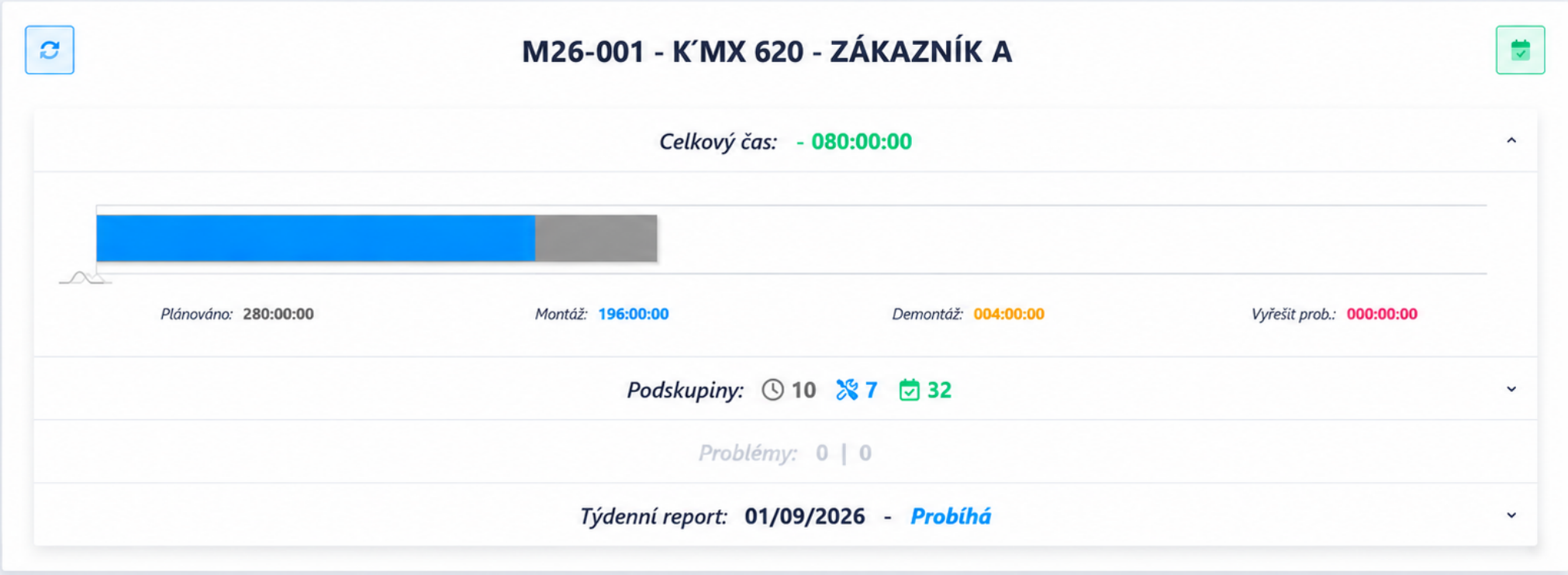
From groups to tasks

Navigate from the main group to a subgroup and its individual tasks.

Edited interface illustration in Czech. Data shown are illustrative.

An overview of each machine being assembled

Planned and recorded work in the context of each assembly.



Time by activity type

Separate assembly, disassembly and troubleshooting time.

Progress by subgroup

Subgroup status and a breakdown of recorded time show assembly progress.

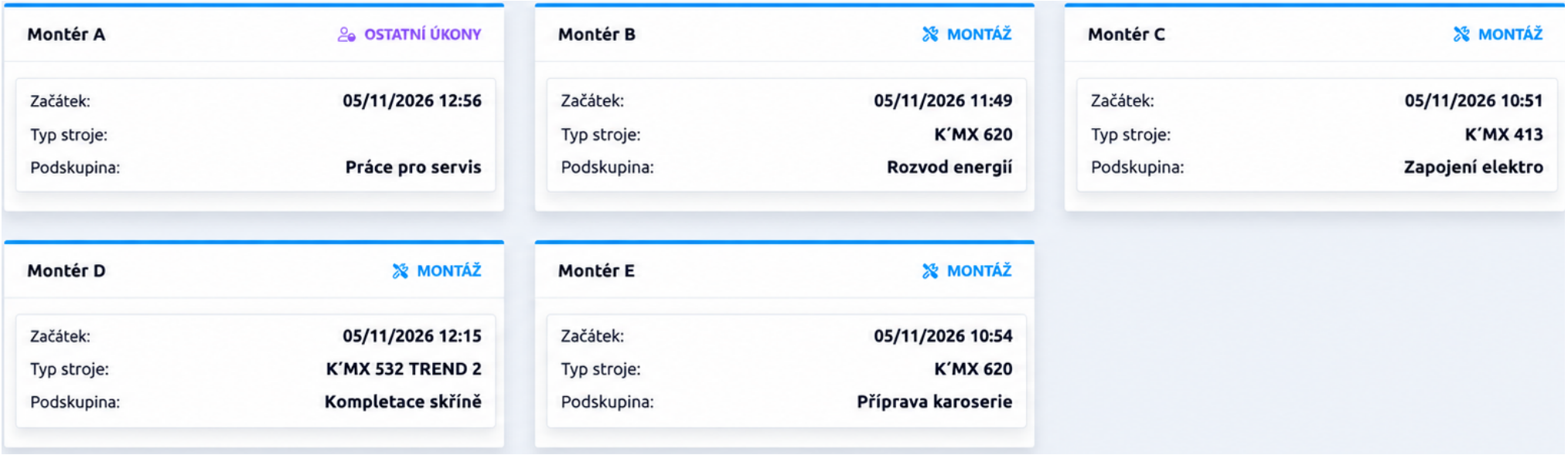
Traceable work history

Weekly progress and completed assemblies remain available for retrospective analysis.

Edited interface illustration in Czech. Data shown are illustrative.

Who is working on what right now

The active-technician overview supports the supervisor during the shift.



Current activity

See each active technician's activity and when it started.

Linked to the assembly

The machine type and subgroup put the current activity into context.

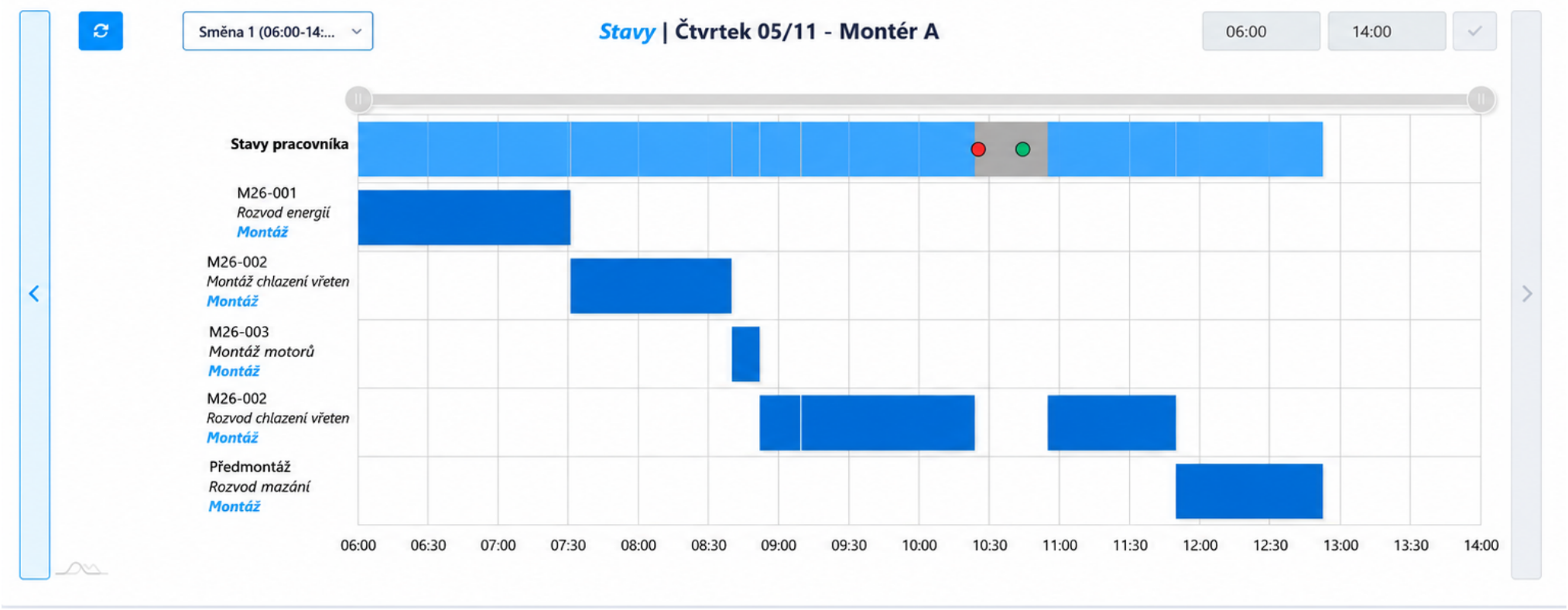
Access to work details

The technician view lets you trace work throughout the day or over a longer period.

Edited interface illustration in Czech. Data shown are illustrative.

What each technician did, when and where

A daily timeline complements the monthly and weekly summaries.



A specific serial number

Each work interval is linked to an assembly and its subgroup.

Activity type and time

The timeline distinguishes assembly, disassembly, troubleshooting and other activities.

Day or shift

Focus the view on a full day, a shift or a custom time interval.

Edited interface illustration in Czech. Data shown are illustrative.

Planned hours and recorded work

Comparing the plan with recorded work helps focus attention on time variances.

Where does actual time differ from the plan?

Compare planned hours with recorded work at machine and group level. Then break down the total by activity type and individual technician.

For an assembly in progress, you see the current position. Completed machines provide a basis for comparing total labour time.

Illustrative assembly overview



Group	Planned	Recorded
Pre-assembly	**40 h**	**36 h**
Mechanical assembly	**120 h**	**90 h**
Electrical assembly	**80 h**	**54 h**
Finishing work	**40 h**	**20 h**

Put time variances into context

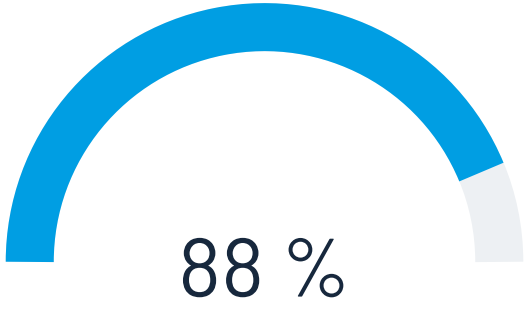
Move from the whole machine to a group, an activity and an individual technician's work.

Schematic example with illustrative data. The variance from the plan is not a forecast of the work remaining.

Capacity and other activities in context

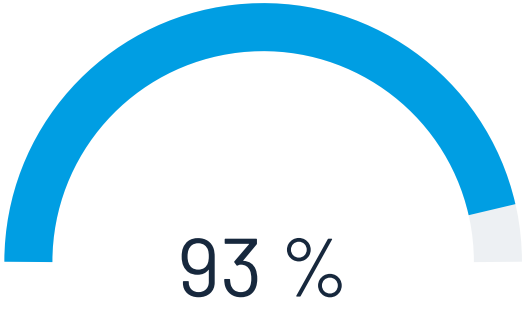
Attendance and labour-hour budgets put recorded work into context.

Assembly capacity utilisation



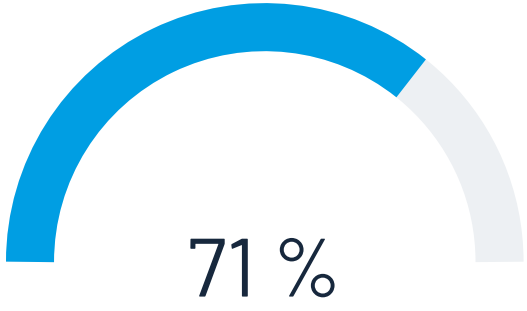
Available hours / scheduled labour hours

Technician utilisation



Recorded hours / available hours

Productivity



Assembly hours / available hours

Available-time breakdown in an illustrative shift

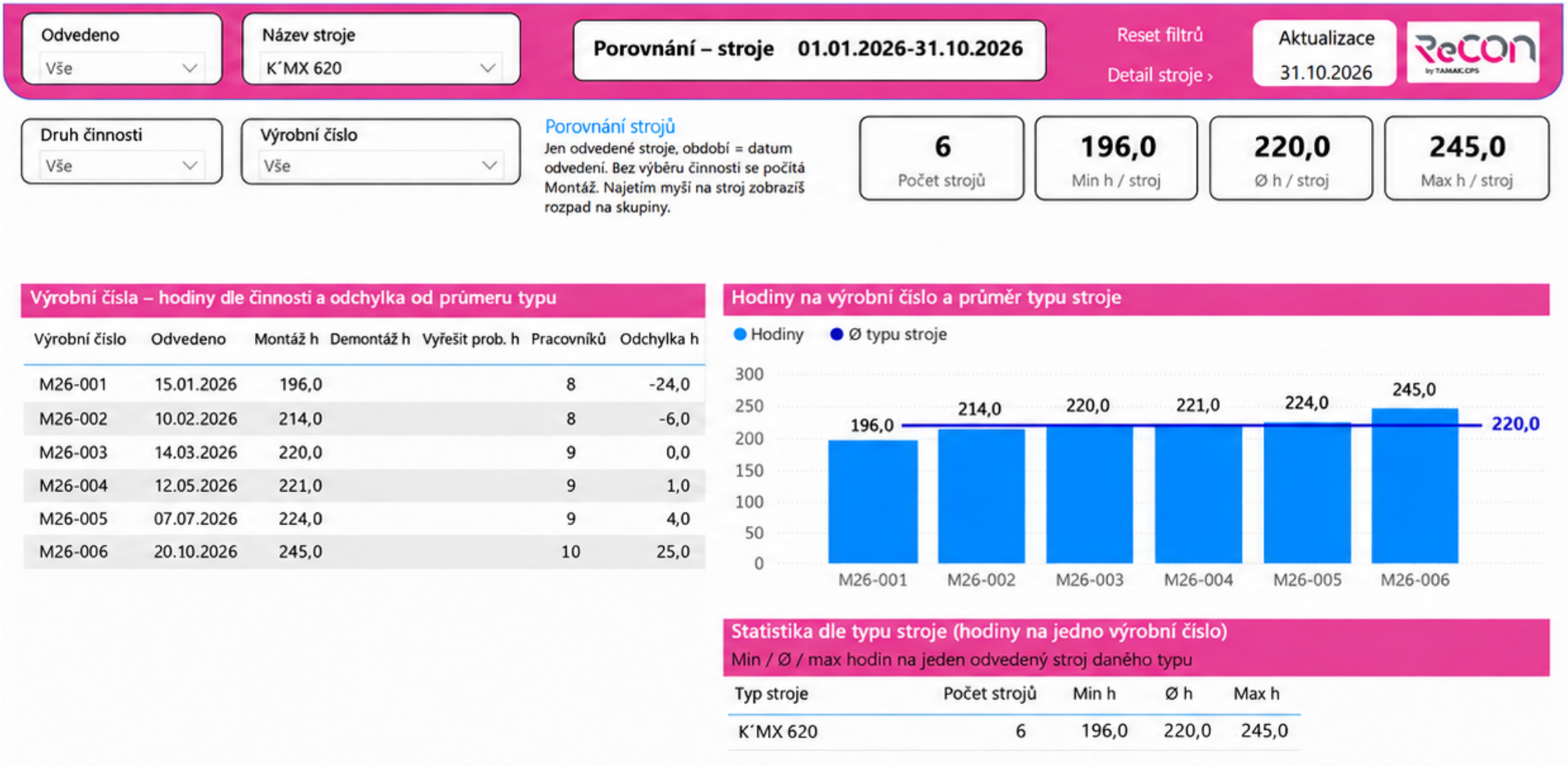


- **Assembly** — **30 h**
- **Other activities** — **9 h**
- **Unrecorded available time** — **3 h**

Illustrative example: 48 h scheduled, 42 h available, 39 h recorded, including 30 h of assembly.

Comparing assemblies of the same machine type

Serial numbers, groups and technicians let you move from the overview to the detail.



Compare the same machine type and equivalent activities. Minimum, average and maximum values complement the individual assembly view; other reports break down work by group and technician.

Edited interface illustration in Czech. Data shown are illustrative.

Information for supervisors, planners and management

1 Assembly supervisor and team leader

Monitors machines in progress and active technicians. From the overview, accesses subgroups, issues and recorded work.

2 Production engineering and planning

Works with the assembly structure and planned hours. Historical records add evidence for assessing labour-time requirements.

3 Production management

Compares completed assemblies of the same type, technician utilisation and the share of other activities in Power BI reports.

Assembly is an extension of ReCON MES

Assembly planning, people's work and analysis in ReCON REP and Power BI.

Arrange a demonstration for your operation: recon.tajmac-zps.cz


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