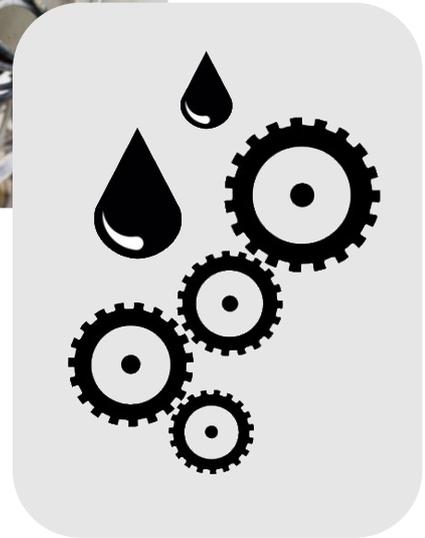


CCU AUX

Automates and
ensures stable
operation of the
crusher



PART OF ROCTIM'S PRODUCT
AND SYSTEMS SOLUTIONS



Roctim's Crusher Control Unit Aux automatizes the crusher, takes care of the startup of the engine and regulates the lubrication system. It ensures a well-functioning crushing system and alarms if any disturbances occur. An automatic shutdown of the crusher in case of operating errors protects the crusher from serious damage. CCU Aux is a complement to CCU Base which is needed to install and run the CCU Aux.

Crusher Control Unit Aux

CCU Aux – For the modern crushing site

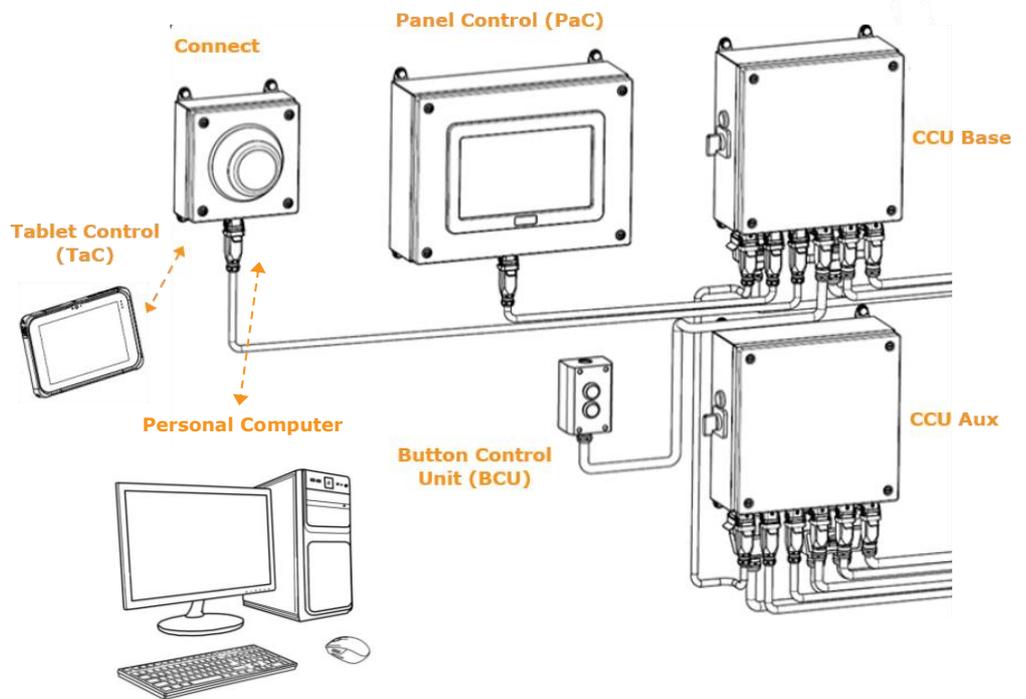
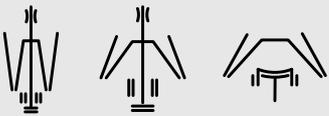
Roctim's Crusher Control Unit Aux takes the automation of crushing sites to a new level. It does not only automate the crusher's lubrication and hydraulic system, but also increases the safety of the crusher through protecting it in case of operating errors. CCU Aux has been developed with the crusher's safety and protection in mind and offers an advanced protection system that prevents the crusher from being damaged in case the lubrication or hydraulic system fails. The result is an increased safety with more time for focusing on the daily work and less time supervising the crushing process.

CCU Aux – the perfect addition to CCU Base

CCU Aux is easily connected to the CCU Base (automatic CSS adjustment), which through its various screen options the operator the possibility to easily see how the crusher is running at the moment.

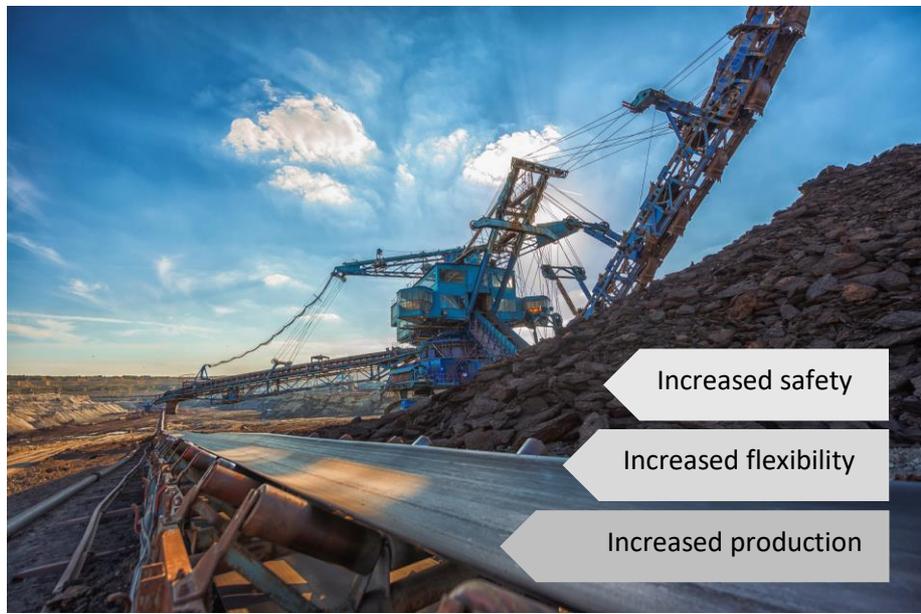
This can simply be done via Panel Control (PaC) or Tablet Control (TaC) where you quickly can see how the crusher and its system is running and be notified of any warnings or alarms.

Suitable for the following crusher types:



Advantages

- ✓ Automatic regulation of the crusher's lubrication system (heating of oil, cooling etc) which results in flexibility in the operator's work tasks since continuous supervision of the crusher no longer is necessary
- ✓ Automatic shutdown of the crusher if the lubrication system should fail, which prevents serious mechanical damage
- ✓ Can easily be connected with our CCU Base that regulates the crusher



Increased safety

Increased flexibility

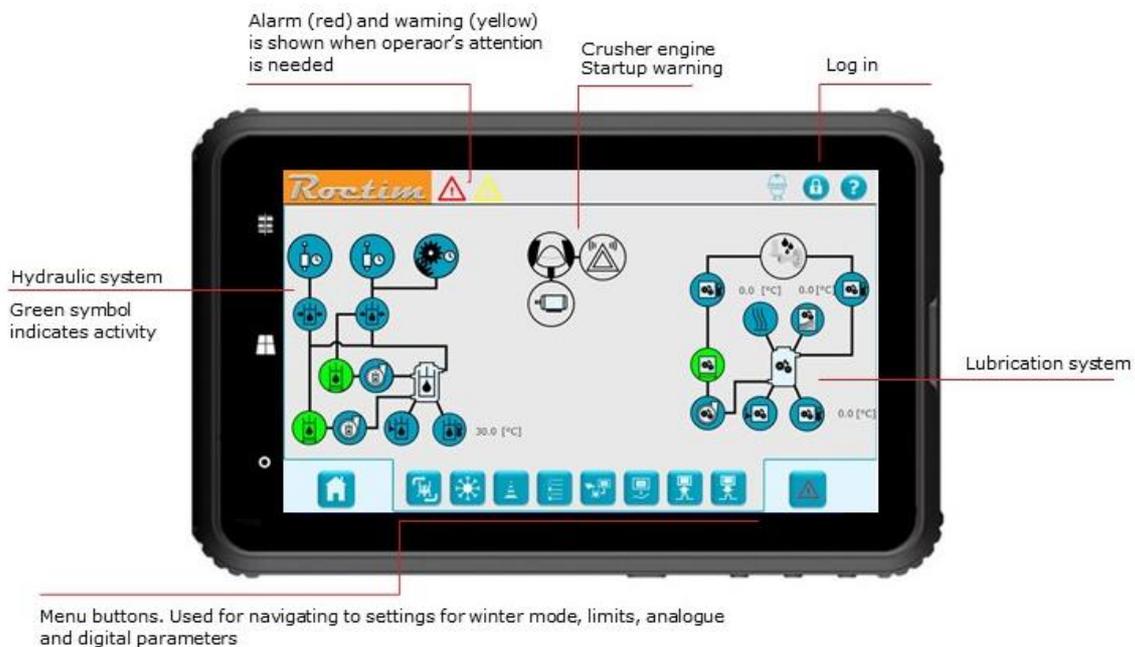
Increased production

What can be regulated with CCU Aux?

- ✓ Crusher engine (contactor response, engine protection and possibility to soft-start)
- ✓ Automatic regulation of supporting machinery (cooling fan, heater, hydraulic pump and lubrication pump)
- ✓ Vents for increasing and decreasing of CSS (*Raptor/HP*)



Graphical user interface



CCU Aux – Product specification



Physical

Weight	9 kg
Dimensions cabinet	300 x 300 x 120 mm
Dimensions with contact and switch	335 x 425 x 120 mm

Electrical

Rated supply voltage	110 – 240 VAC (50/60 Hz)
Max power consumption	100 W

Environment

Surrounding air temperature	-10...36 °C
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Remote support

When installing our automation and control systems, we have the possibility to install a remote online connection to the Roctim headquarter. This means that one of our application engineers always is available for your service if questions or problems occur. We can connect to our control systems and perform updates as well as troubleshoot and fix most of the problems this way. Something that greatly reduces downtime in your process.



Crushing consultancy expertise

From many years of experience in the field of ballast and mining with a close connection to the latest research in crushing we can ensure that our improvement work results in increased profitability. We together discuss your plant and needs, identify areas for improvement and propose relevant solutions. We perform simulations to guarantee that your process produces as sought and to investigate possible rebuilds or to take measures that ensures that the plant produces the right materials. Such measures include increased measurements, control and regulation.



CCU Aux

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