

Die Welt der Metallbearbeitung The world of metalworking

Pictures for the EMO press release:

## Cobots – Successful collaboration between man and robot

## EMO Hannover 2019 showcasing robotic and automation solutions for manufacturers



## ((14-01\_Pilz\_BWM.jpg))

The more closely man and machine can collaborate, the more efficient robot applications will become. However, this involves increased safety requirements, as each application has its own individual safety aspects which need to be considered.

Photo: BMW Group



## ((14-02\_Schunk.jpg))

The Baden-Württemberg-based automation specialists are aiming to provide robot manufacturers and integrators with independently tested co-act grippers that can be used for rapid implementation and certification of collaborative scenarios.

Photo: Schunk



((14-03\_Stäubli.jpg))

Division Manager Peter Pühringer with the new six-axis generation of TX2 robots, also on show at EMO Hannover 2019.

Photo: Stäubli Robotics



((14-04\_TU\_München\_Bernd\_Müller.jpg))

A crucial and topical issue is how the CE process is handled when robots are used at different stations.

Photo: Bernd Müller



((14-05\_dax\_Bild.jpg))

Human-robot collaboration (HRC) must rule out the possibility of injury in the event of a collision. In the future, intelligent gripping systems will also enable the handling of greater component weights.

Photo: Dag Heidecker

You will find texts and images relating to the EMO Hannover 2019 on the internet at <a href="https://www.emo-hannover.de/imagedatabase?keyword=Cobots">https://www.emo-hannover.de/imagedatabase?keyword=Cobots</a>

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