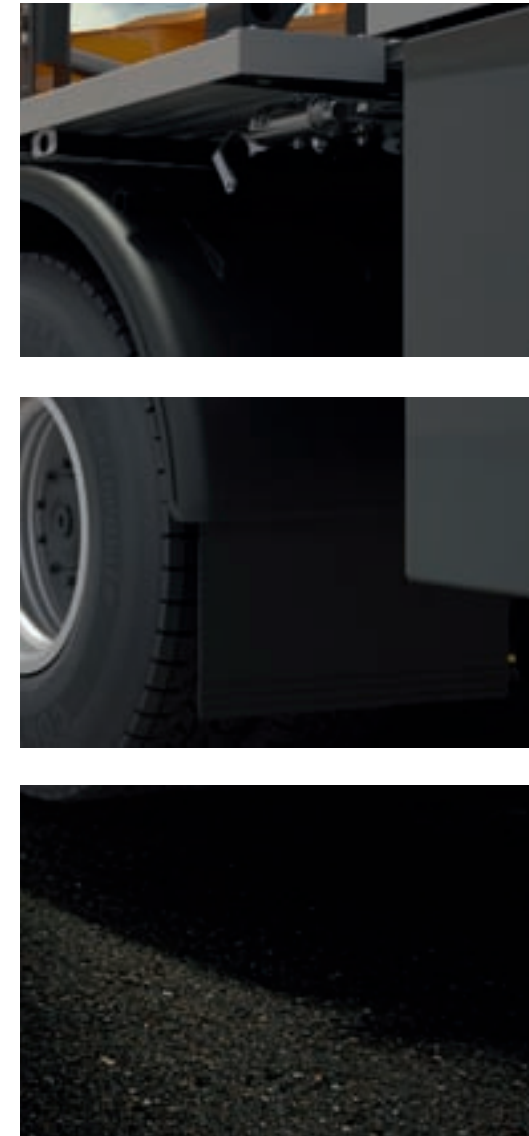


# Safely bringing you more options

The new One-Side-Support with ESC extends the operating range



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# Use extended workspace safely

- previous working area
- additional working area using ESC and new support applications

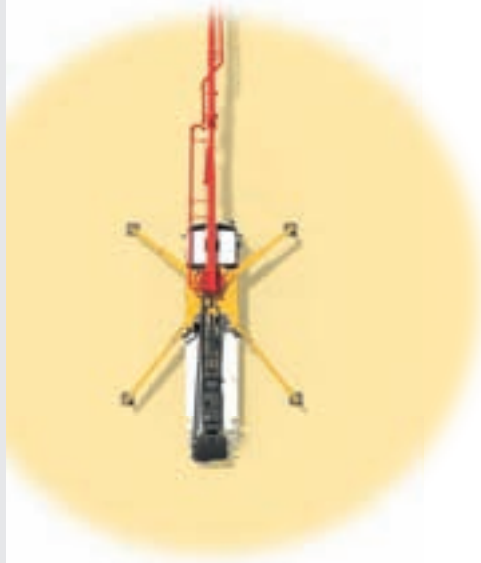
Since 28.02.2013, the DIN EN 12001:2012 standard has been in force.\* It deals with the requirement to ensure that a check is carried out on the interplay between support, boom movements and the pumping function. Putzmeister has met this requirement with its innovative ESC (Ergonic® Setup Control) – a system that ensures that the safety-related functions of the machine are monitored. It also allows you to work as flexibly and easily as possible within the framework of the existing directives and standards. In addition to the option of providing full support, we are offering, for the first time, a One-Side-Support system with extended workspaces. Authorized arm positions and working areas are clearly defined, so that the stability of the concrete pumps is ensured during operation. This means that you not only have added safety for employees and for your investment, but also added flexibility. Because by using ESC and One-Side-Support together, you can extend the workspace, compared with using the conventional One-Side-Support system alone. With ESC the operator has extended workspace compared with the conventional One-Side-Support system.

\* The standard relates to the European machine directive 2006/42/EC, and describes the minimum safety requirements for conveying, spraying and placing machines for concrete and mortar. All machines which do not satisfy this standard and the requirements of the Machinery Directive cannot be operated within the European Economic Area. Machines already in circulation are subject to the right of continuance, as long as they have CE marking.

Arm 1 horizontal



Full support



Extended One-Side-Support



“K” support



“Y” support



Arm 1 vertical



Full support



Extended One-Side-Support



“K” support



“Y” support



## Open up more space with ESC

The example here shows you just how much flexibility the ESC safety system allows: the working area of the 42-5. As you can see in the schematic illustrations, the machine operator has unlimited possibilities for moving the boom within the limited working area, for various different support configurations. An additional working area is available to you by placing arm 1 in a vertical position.

Illustrations are machine specific. Reference illustration applies to the 42-5