

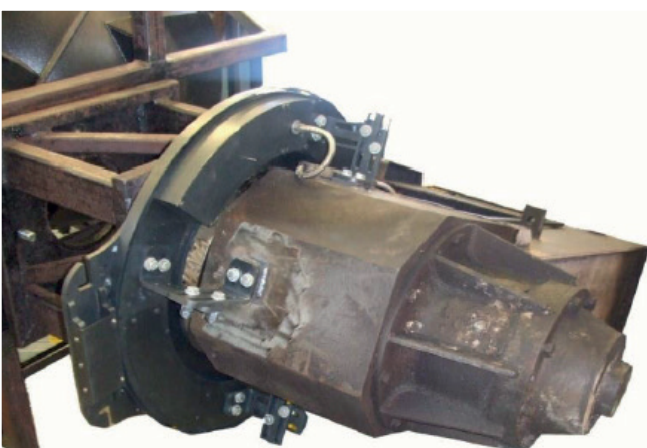
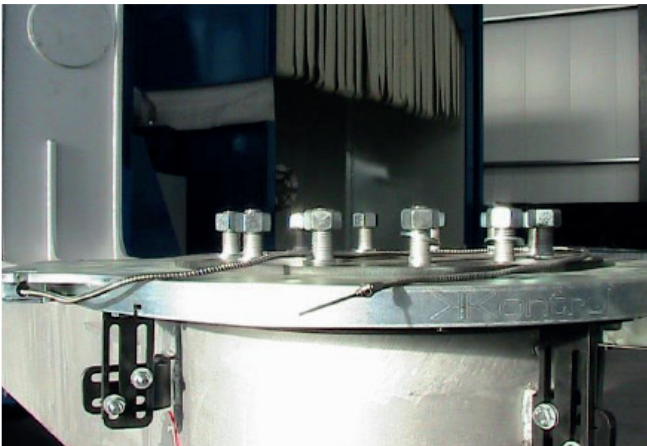
K Kontrol

Temperature Control for Rotational Moulding



Permanently mounted high temperature clip rings for rotational moulding machines.

Providing you with constant mould temperatures/



- Optimise heating and cooling cycles
- Reduce the number of reject parts
- Increase the number of parts made per day
- Provide diagnostic checks on troublesome mouldings
- Robust stainless steel plate design

493K

Taking Control of Rotational Moulding

Global experts
in **Rotational Moulding**

What is K-KONTROL?

K-KONTROL is a high temperature slipping that attaches permanently to the arm of your rotomoulding machine. It continuously measures two mould temperatures and one ambient temperature.

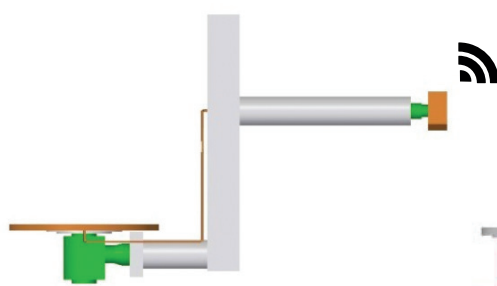
How is it installed?

K-KONTROL can be best preinstalled on your new machine at the supplier's factory it can however be retrofitted in your factory by maintenance engineers or with on-site help from 493K.

High temperature data cabling runs from the K-KONTROL slipping on the plate head, through the centre of the arm, to the rear of the arm. Radios are then used to transmit the temperature information to a control panel or PC nearby.

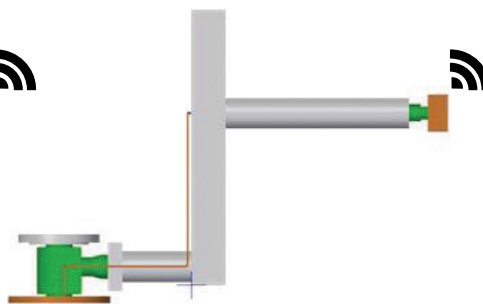
The following diagram shows the general path of the thermocouples for a straight and offset arm.

OFFSET ARM



Above Plate

OFFSET ARM



Below Plate

STRAIGHT ARM



Can it control your machine?

K-KONTROL in its basic form will output temperatures to the operators. These temperatures can be output in serial ASCII format. The moulder can then modify their machines to use the K-KONTROL temperatures for control. Some rotomoulding machinery manufacturers have this temperature integration and control software already included. (Contact 493K for a list of machinery manufacturers)

Alternatively 493K can supply their K-FACE advanced controller, which will provide up to 24 relay outputs that alarm when the user-set temperatures are reached.