Hydraulic control options Bomech

3x DA (double acting control valves on tractor)

As a standard, all Bomech trailing shoes are in 3x DA configuration, these functions must be integrated into the control of the tanker and/or tractor. The gate valve of the tanker must be controlled separately. The basic functions of the trailing shoe need the following control units:

1x DA for folding in and out
1x DA for lifting and lowering
1x DA for drive distributors
1x free return

Bomech E-Control

The Bomech E-Control is a permanently installed sequential control on the trailing shoe. The three basic DA functions are switched in sequence incl. gate valve from the tanker. There is no Bomech control panel, everything runs with a DA control unit from the tractor. Possible section controls with hydraulic gate valves must be controlled separately (additionally 1x DA per side). Control requirements:

1x DA control unit
1x free return
1x 12V power connection

With the standard E-Control, the gate valve from the tanker closes directly when the trailing shoe is lifted. The Bomech E-Control Plus is required for slurry spreading with the trailing shoe in a slightly lifted position (e.g. to control the spreading).

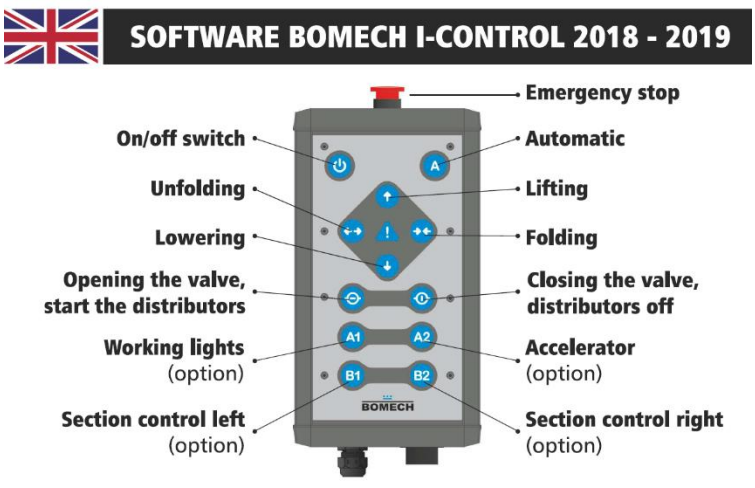
Bomech E-Control Plus

This function allows the trailing shoe to be lifted without closing the gate valve from the tanker. An additional single-acting control unit must be depressurised if the trailing shoe is operated with the sequence control described above. Oil pressure is only given for lifting out the distributor during slurry spreading, otherwise it is depressurised. This function must then be available and prepared on the tractor or tanker. Control requirements:

1x SA control unit more than standard E-Control

Bomech I-Control

The Bomech I-Control is an electro-hydraulic control with a separate control panel. All functions can be operated either individually or as an automatic sequence control on the headland. A power connection is required for the control panel in the cab. I-Control can also be used to control e.g. section control or other options (working lights, accelerator, etc.; buttons A1, A2, B1, B2). In this case, no additional control units are required on the tractor. General control requirements:



I-Control runs via Load Sensing (LS) or via 1x pressure and 1x return flow