



# ECO SPIN<sup>ALGI</sup> MOD

## The smart solution for an efficient drive modernisation

### ALGI Interface Box

- » intelligent interface between original controller and modernised drive

### Plug & Play

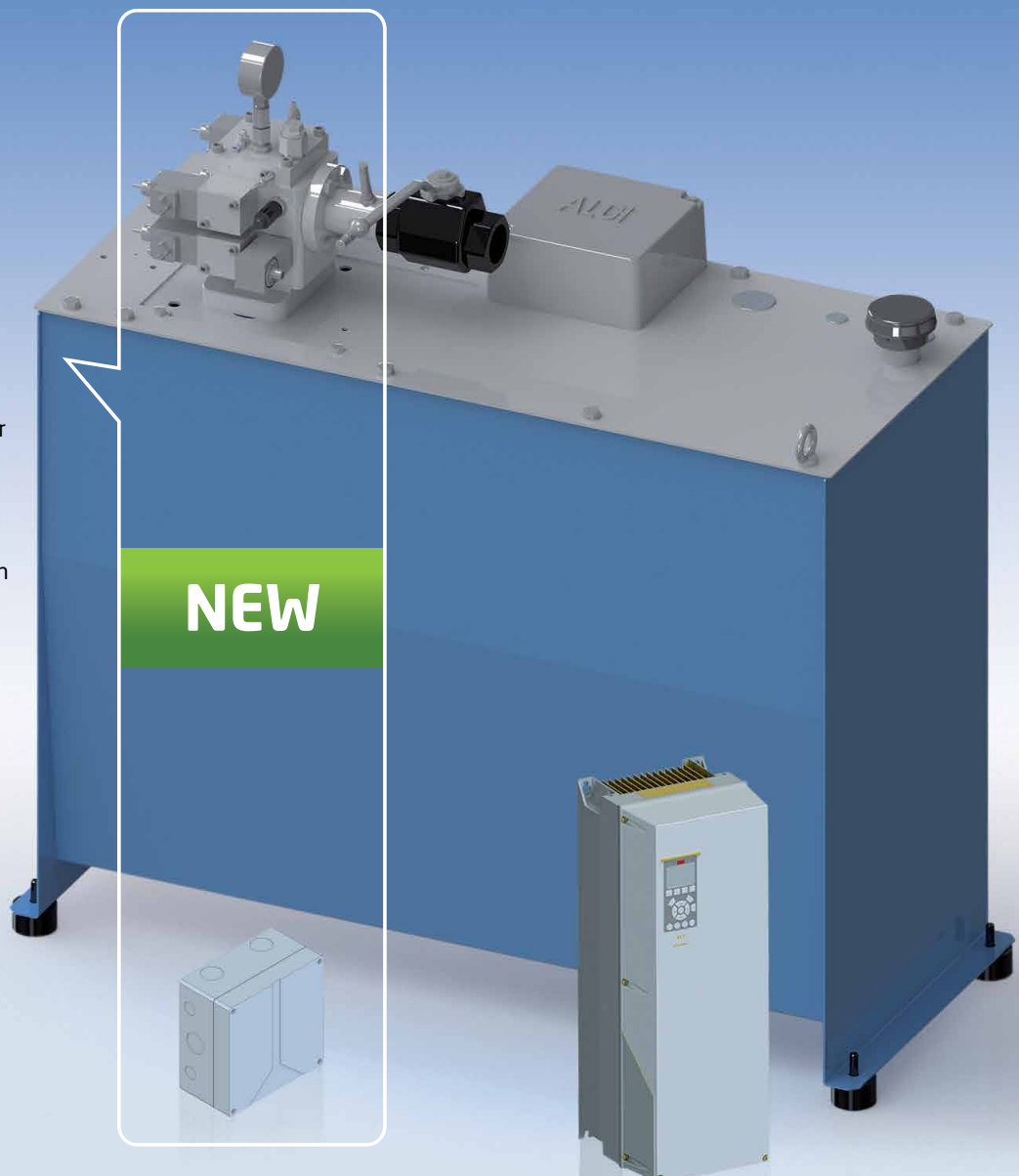
- » fast and simple installation

### Low Cost VF solution

- » retro-fit onto the original controller
- » the existing mechanical valve block can be modified or replaced

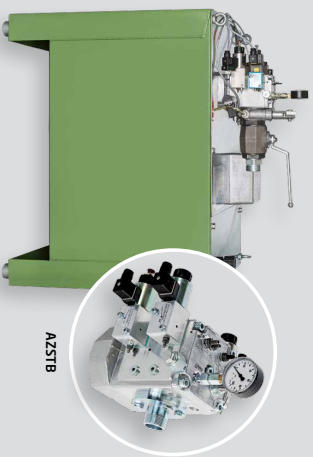
### Safety

- » the ECO SPIN MOD concept guarantees an integrated A3 solution



## Actual State:

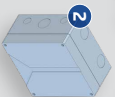
Power unit with mechanical valve block AZSTB



## Reconstruction work:



1 Assembling of measurement turbine, spring and sensor at original valve block



2 Assembling ALGI Interface Box



3 Assembling of inverter

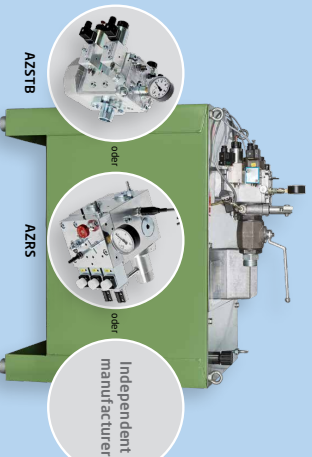
## Result:

Power unit with rebuilt mechanical valve AZSTB-FR for VVVF drive in upwards direction



Option  
**2**

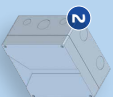
Power unit with mechanical valve block AZSTB or electronic regulated valve block AZRS or independent valve block manufacturer



1 new valve block AZSTB-FR

2 Assembling of ALGI Interface Box

3 Assembling of inverter

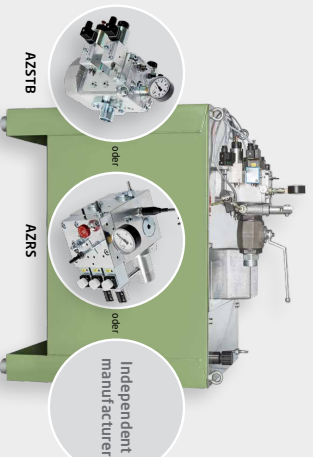


AZSTB-FR  
with integrated A3 solution (optional)



Option  
**3**

Power unit with mechanical valve block AZSTB or with electronic regulated valve block AZRS or with an independent valve block manufacturer



1 new power unit with valve block AZFR

or

2 new power unit with valve block AZSTB+FR

3 Assembling of the ALGI Interface Box

4 Assembling of the Inverter



AZSTB-FR



New power unit with valve block AZSTB-FR with VVVF drive in upwards direction or with valve block AZFR with VVVF drive in upwards and downwards direction



# Smart and perfect modernisation



- » high efficiency related to energy consumption
- » minimum oil temperature rise
- » reduced noise level
- » optimised travel comfort
- » reduced nominal current through constant power consumption

