

SAER PUMP SELECTOR

USER GUIDE

Accessory selection

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DIRECT SELECTION OF ACCESSORIES

To proceed with the direct selection of an accessory, press 'Accessory Selection' on the home screen.



This will be the main page once you click on the box.

Selection				
Accessory catalogue				
Filter				
<ul style="list-style-type: none"> Control panel ↳ DOL Start 				
Available accessories				
<input type="checkbox"/>	#	Qty.	Description	UP
<div>↓ Select item</div>				
Selected accessories				
<input type="checkbox"/>	#	Qty.	Description	UP

The page is divided into 4 sections (numbered in order of use):

1

2

3

4

1. The upper left rectangle works as a list for the available accessories. Clicking on the desired product, many subgroups divided by their specifics will open until reaching the specific subgroup effectively selectable.

Installation type

Filter

- ▼ **Control panels for single-phase electric pumps**
 - Direct on line start
- ▼ **Control panels for three-phase electric pumps**
 - ▼ Direct on line start
 - AT1
 - AY-T
 - AZ-T
 - ▼ Impedance starting
 - AT3
 - ▼ Inverter and inverter control panel
 - AT6
 - ▼ Soft starter
 - AT5
 - Star/delta (Δ/Y)

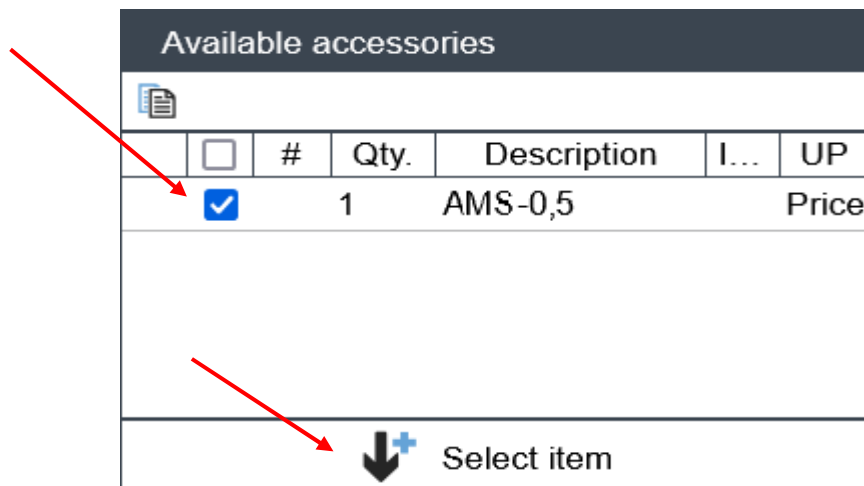
2. The rectangle on the centre of the page will show the list of the products that are contained in the subgroups you selected previously. Form here, you can select specifically the desired accessory.


Search result						
<input type="checkbox"/>	Pos.no	Qty.	Description	Item no.	UP	
<input type="checkbox"/>		1	AT1/0,5		Price on req.	
<input type="checkbox"/>		1	AT1/0,75		Price on req.	
<input type="checkbox"/>		1	AT1/1		Price on req.	
<input type="checkbox"/>		1	AT1/1,5		Price on req.	
<input type="checkbox"/>		1	AT1/2		Price on req.	
<input type="checkbox"/>		1	AT1/3		Price on req.	

↓ Select item

To select the desired accessory is possible to:

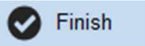
- Double click on the desired accessory;
- Check the box on the left of the name to then click on the the arrow with the text “Select items” to then addi it to the “Selected item” section.

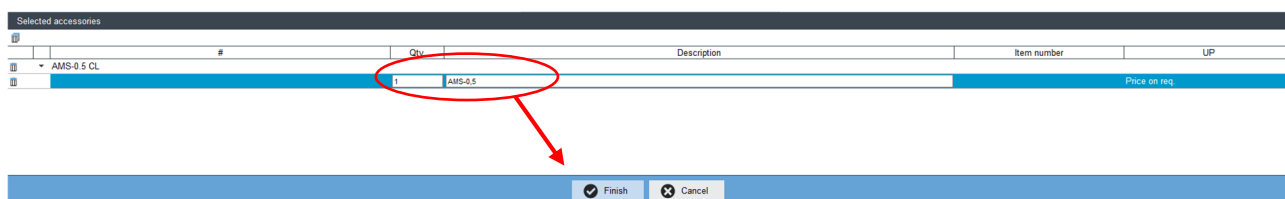


	<input type="checkbox"/>	#	Qty.	Description	I...	UP
	<input checked="" type="checkbox"/>	1		AMS-0,5		Price
 Select item						



This feature is more effective for the selection of multiple accessories but it is still usable for the selection of a single product.

3. The rectangle on the base of the page will show you the motors you selected in the section 2.

Here will be possible to eventually modify the quantities before finishing the selection by clicking on the  button.



	#	Qty.	Description	Item number	UP
AMS-0,5 CL		1	AMS-0,5		Price on req

After that the the project management page will open.

Form here you can procede the same way as a pump selection.

4. This section will shoe you the information and eventually all the documents available for the selced accessory that you can also check on the project management page.

Record: AT1/0,75


Product description

Drawing

Data sheet

Additional information

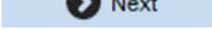
Type

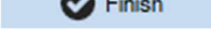
Full text 

AT1/0,75

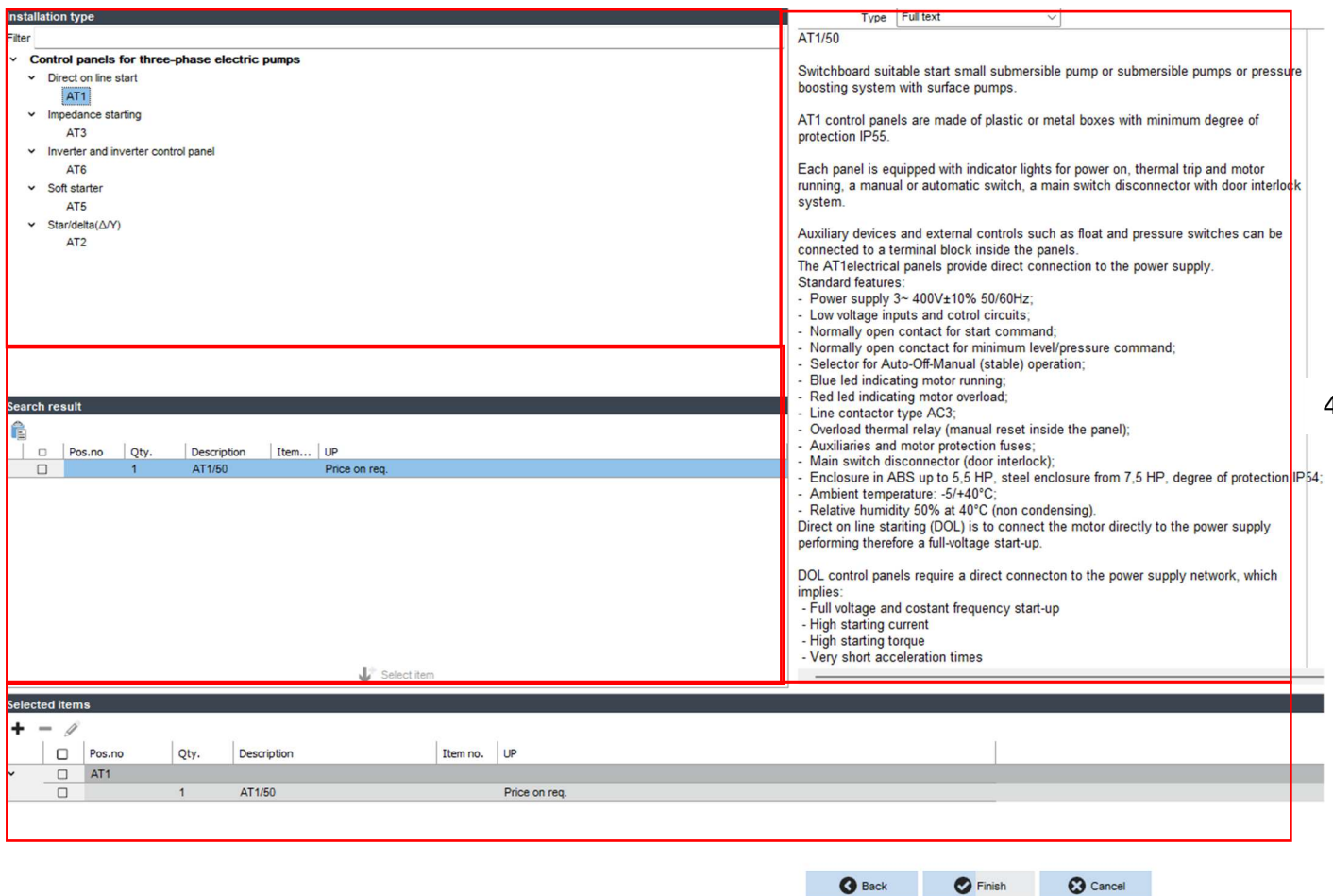
Selection together with pump

The selection of control panels together with pumps is currently only available **for submersible pumps**.

To select the desired head frame, click on the  button.

If the button is clicked  instead, the selection of the frame will be omitted and the project management will be displayed.

Once the **NEXT** button is clicked, the available screen selection page will open.



1 Filter

- Control panels for three-phase electric pumps
 - Direct on line start
 - AT1**
 - Impedance starting
 - AT3
 - Inverter and inverter control panel
 - AT6
 - Soft starter
 - AT5
 - Staridelta(Δ/Y)
 - AT2

2 Search result

Pos.no	Qty.	Description	Item...	UP
1		AT1/50		Price on req.

3 Selected items

Pos.no	Qty.	Description	Item no.	UP
1		AT1/50		Price on req.

4 AT1/50

Switchboard suitable start small submersible pump or submersible pumps or pressure boosting system with surface pumps.

AT1 control panels are made of plastic or metal boxes with minimum degree of protection IP55.

Each panel is equipped with indicator lights for power on, thermal trip and motor running, a manual or automatic switch, a main switch disconnecter with door interlock system.

Auxiliary devices and external controls such as float and pressure switches can be connected to a terminal block inside the panels.

The AT1 electrical panels provide direct connection to the power supply.

Standard features:

- Power supply 3~ 400V±10% 50/60Hz;
- Low voltage inputs and control circuits;
- Normally open contact for start command;
- Normally open contact for minimum level/pressure command;
- Selector for Auto-Off-Manual (stable) operation;
- Blue led indicating motor running;
- Red led indicating motor overload;
- Line contactor type AC3;
- Overload thermal relay (manual reset inside the panel);
- Auxiliaries and motor protection fuses;
- Main switch disconnecter (door interlock);
- Enclosure in ABS up to 5,5 HP, steel enclosure from 7,5 HP, degree of protection IP54;
- Ambient temperature: -5/+40°C;
- Relative humidity 50% at 40°C (non condensing).

Direct on line starting (DOL) is to connect the motor directly to the power supply performing therefore a full-voltage start-up.

DOL control panels require a direct connection to the power supply network, which implies:

- Full voltage and constant frequency start-up
- High starting current
- High starting torque
- Very short acceleration times

Back Finish Cancel

The screen is the same as for the direct control panel selection.

In the first area, however, we do not see the entire list of control panels as before, but a selection adapted to the selected pump type, showing various panels compatible with the pump according to the start-up types.




Once the desired head frame has been chosen, proceed as for direct selection, click on the box to the left of the head frame, click on the 'Select Item' arrow at the bottom and click on 'Finish' to continue.


The project management screen will initially show the pump data sheets, from the drop-down menu on the left you can change the selected item to see the head frame data sheet.

▼ Untitled project 2025-05-23 11:02:02.366

- ▼ NR-250A
 - ▼ Centrifugal pump: NR-250A/4A
 - ▼ Accessories
 - ▼ AT1
 - ▼ AT1/50

Edit project

-  Compare pumps
-  Replace item with hydrau...
-  Edit item with product dire...

	Technical data AT1/50		Revision no 	Page: 6
	Receiver		From	
Company name Respons. Department Person in charge Phone number Fax no E-mail address				

Technical data					
Rated power		Voltage	Rated current	Weight	Material
KW	HP	50 Hz	A	Kg	-
37	50	400	84...96	18	Metallic

Available versions						
Frame	AT1-A	AT1-B	AT1-C	AT1-D	AT1-E	AT1-F
Standard	●	●	●	●	●	●
Level relay with 3 probes		●	●	●	●	
Min/max voltage delayed relay			●		●	
Voltage asymmetry protection, phase sequence and lack of phase relay			●		●	
Voltmeter				●	●	●
Ammeter				●	●	●

Dimensions in mm	
H	500
L	400
W	240

