

Operating instructions

Part B main screen overview



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GB

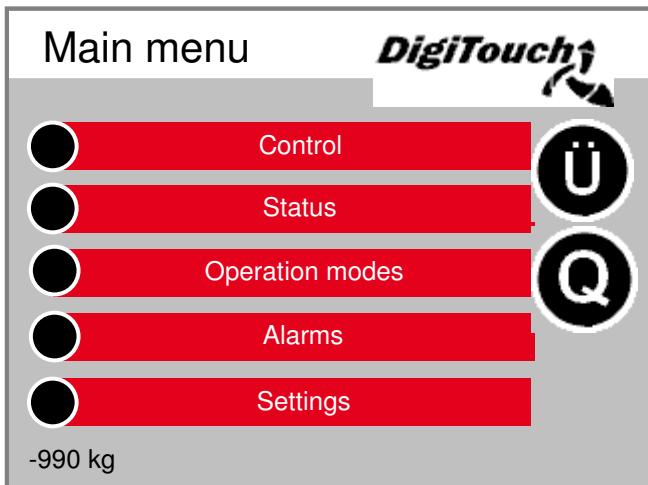
LastChangedRevision: 24575
LastChangedDate: 2019-01-08

Start screen



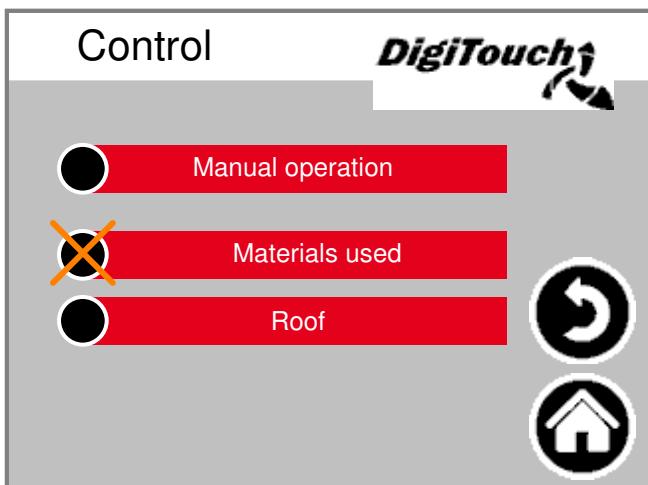
DigiTouch Bio welcomes you.
Select the word "START" to access
the main menu.

Main menu



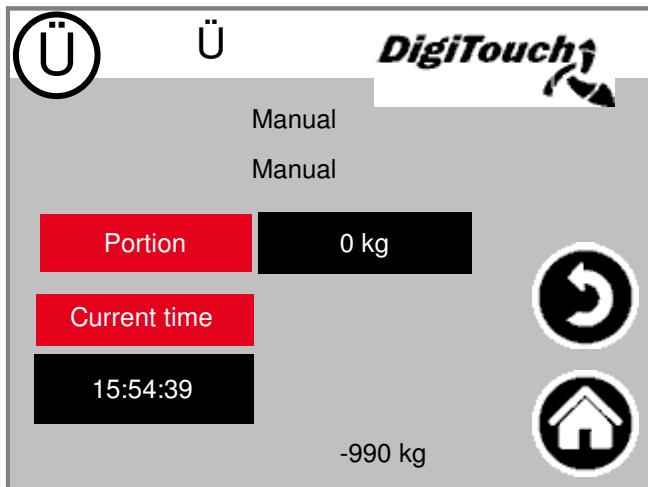
This is the main menu.
By pressing the "Home" symbol
you can return here at any time.
If the letter "R" appears next to
the alarm symbol, you can reset the FC.
With the letter "Ü" you can return to
the overview page, with "Q" you will enter
Feeding.

Menu control



In this menu you can control
filling and hand operations. When the
black circle is crossed through, the
menu is thus inactive, because the
incorrect operating mode is currently
selected.

Page overview

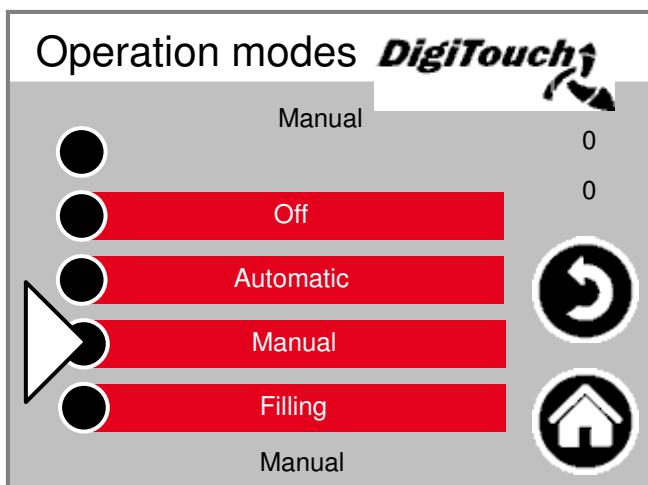


The overview page allows you to obtain a quick summary of the actual situation. You can see all essential states on a single page.

Menu status

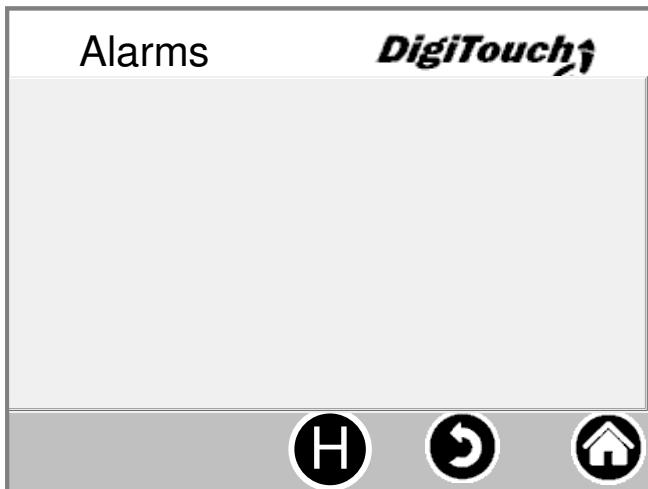
The status menu is described from page 8 onwards in this manual.

Operating mode selection



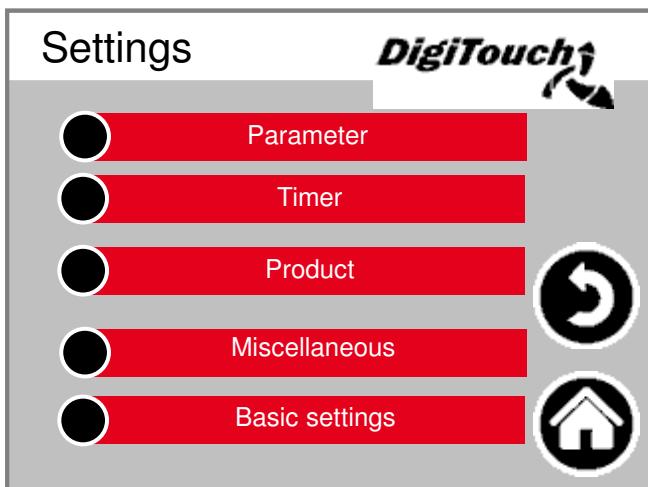
PART A of the manual has a more detailed description of the selection of the operation start. The selected operation start is indicated with a triangle. There are circumstances where the pressing of a button does not necessarily lead to a mode being changed, since for example the return must be carried out first.

Page alarms

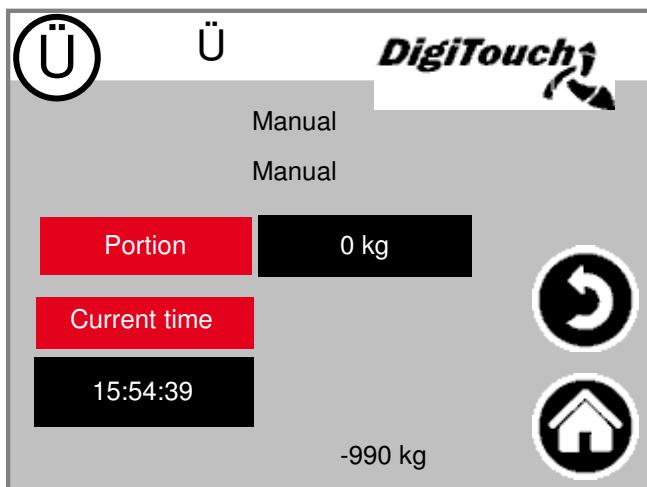
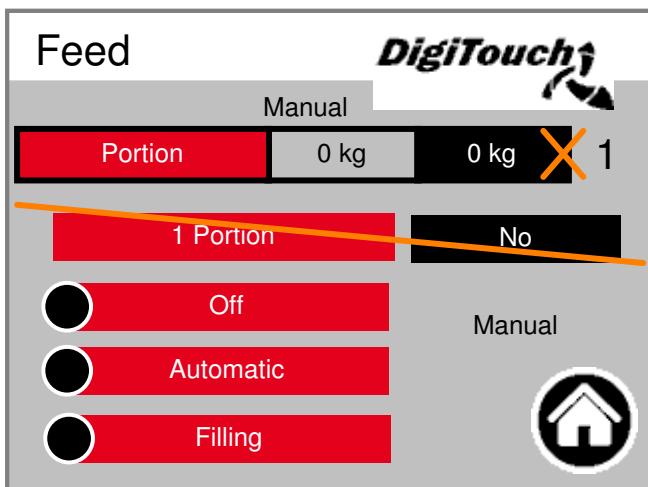


The pending alarms are shown here. Alarms, which are not in the queue, disappear from this list immediately. The alarms need not be confirmed or acknowledged. Particular executions of the frequency converters are an exception. With button "H" a history of past alarms can be shown.

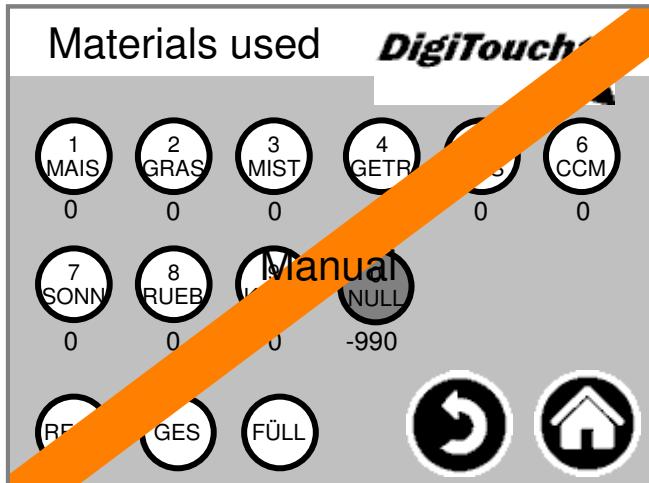
Menu settings



In this menu the equipment can be configured. A separate description of each individual point can be found below.



Menu materials used



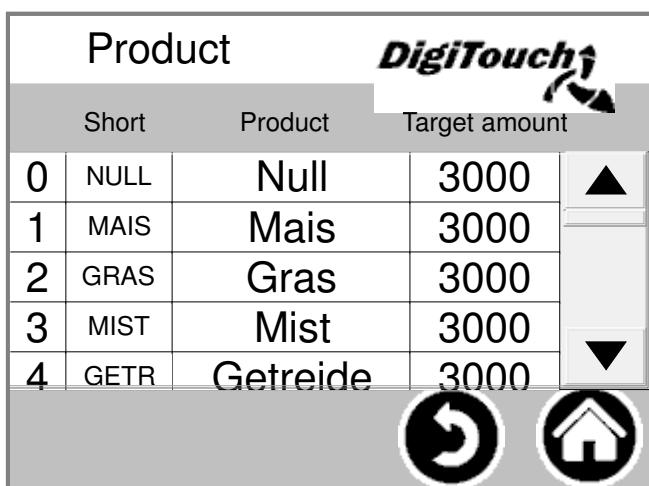
This menu offers the same functions as the radio remote control. It provides a way of replacing this should, for example, the batteries fail.

Weighing history



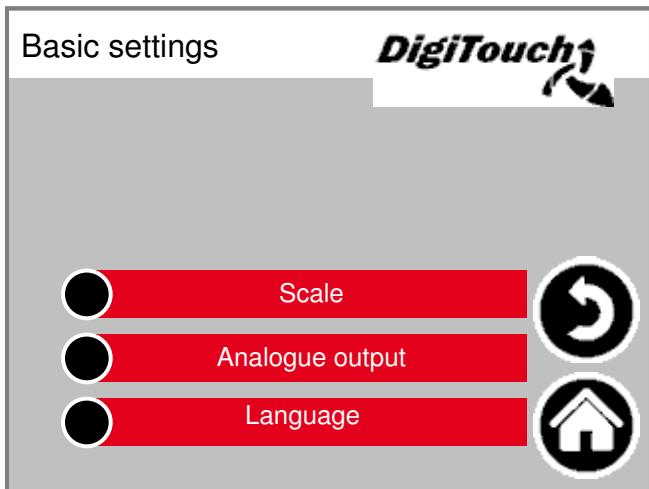
Here actual and target quantities, feeding time and duration are shown.

Edit product



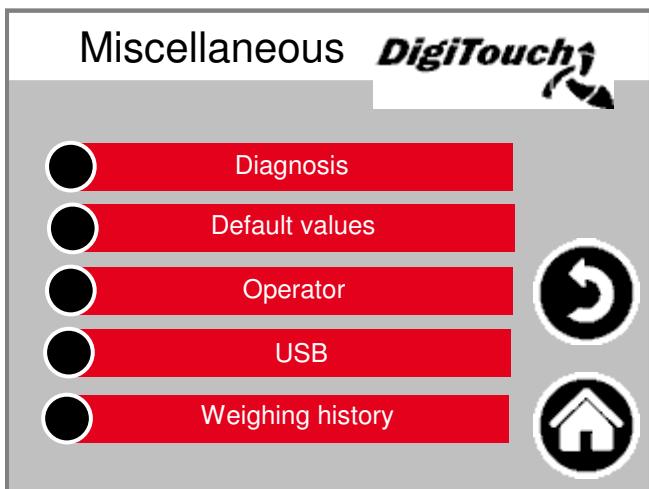
This menu allows you to enter both the name of the product and the target amount.

Menu default settings



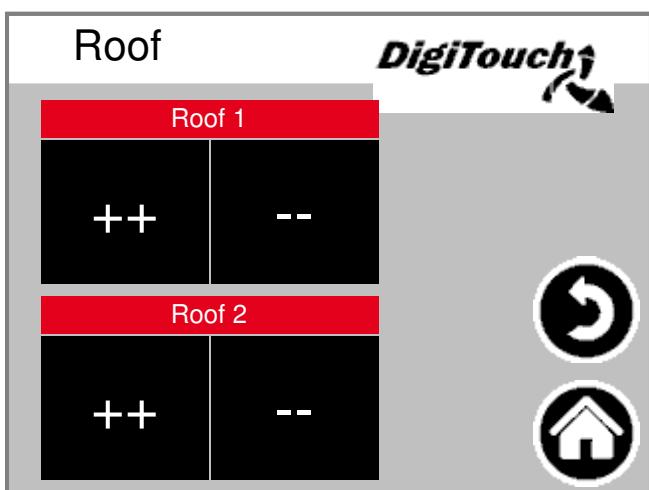
Very basic settings can be configured in this menu. Normally not required by the user!

Menu miscellaneous



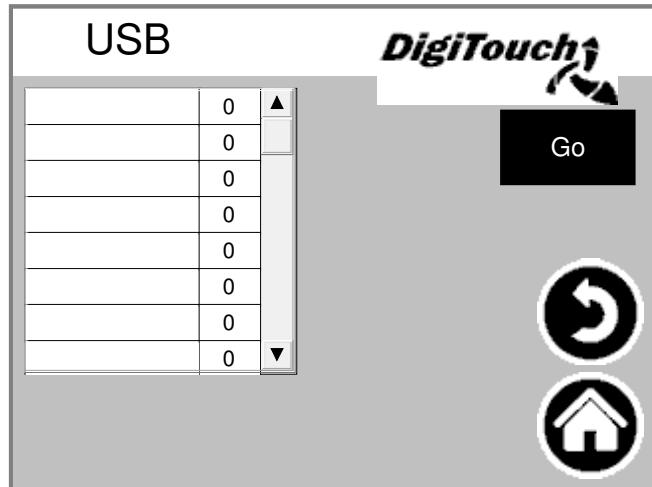
Additional menu items, which are only selected occasionally.

Roof



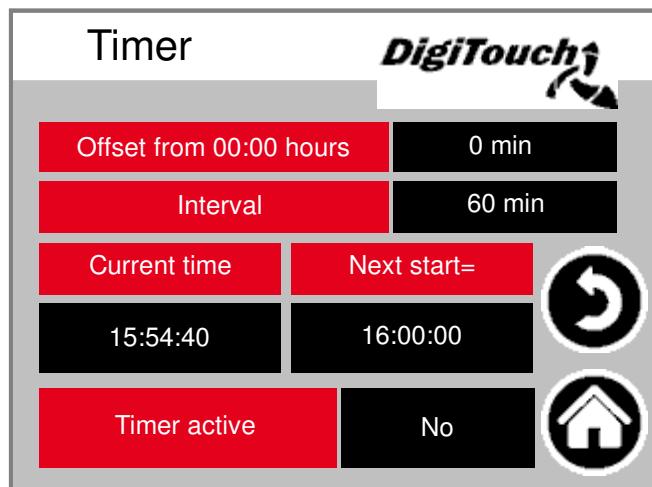
By pressing the "++" button opens the roof. The "--" button closes the roof.

USB



This mask serves to read the feed material log books. Alternatively this data can be retrieved using an Ethernet connection. You have to press "Go" several times until the message concerning the safe removal of the USB stick is displayed.

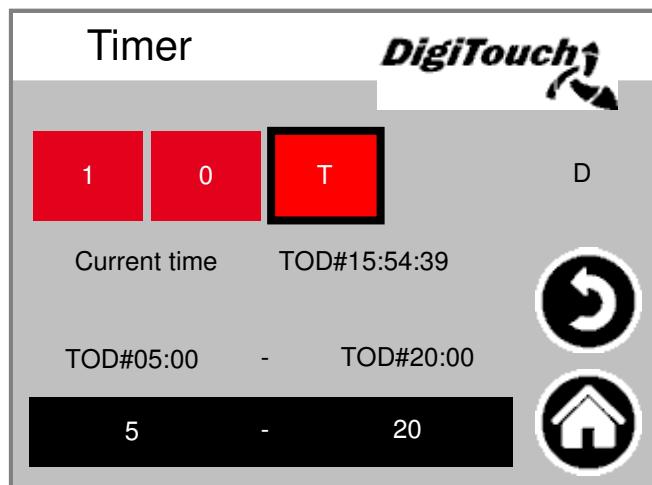
Timer



Here you can edit the integrated timer settings . You can enable or disable them below.

ATTENTION: When there is an external control present, this would normally take over the function of the timer. This should then be set to inactive here.

Timer

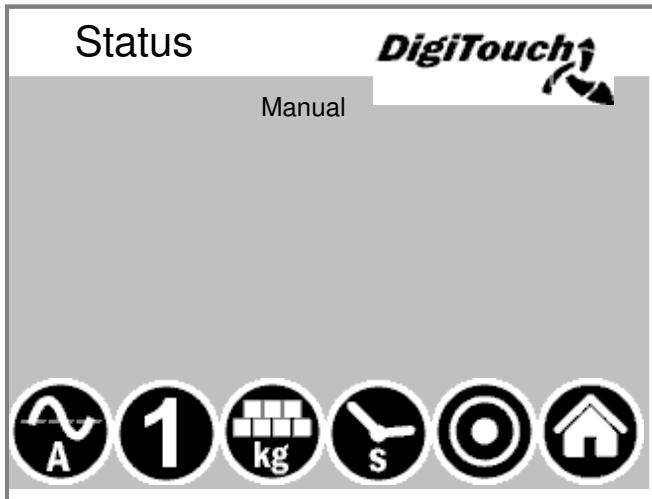


Here you can activate night mode (T) or continuous mode (1) or continuous-OFF (0)

Type 0

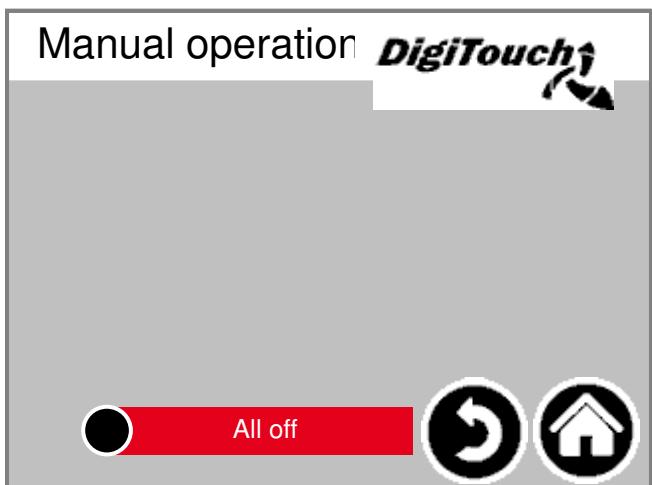
**DigiTouch
Scale only**

Status display



In this mask, the actual stage is indicated above. Below there are 5 symbols representing the different status indicators.

Manual operation

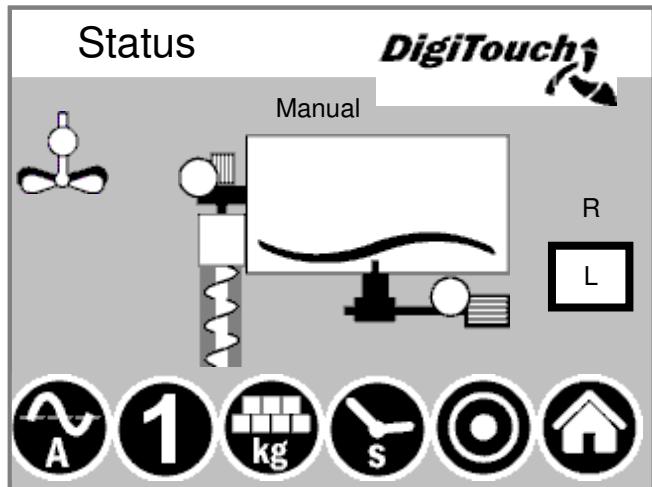


This screen provides no function.

Type 10

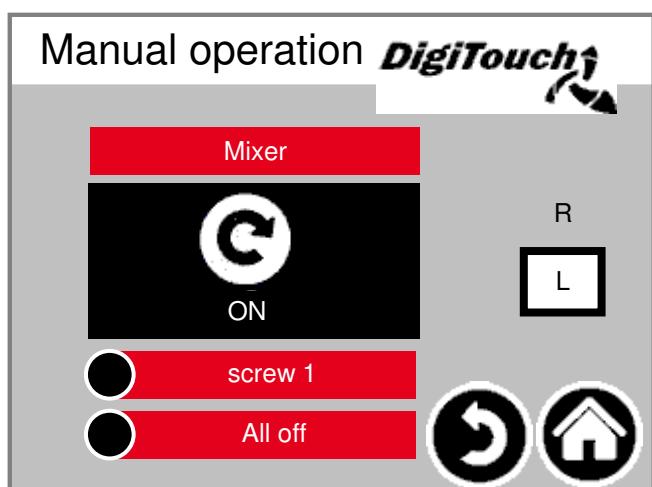
Rondomat lower feed

Status display



In this mask, the actual stage is indicated above. Below there are 5 symbols representing the different status indicators.

Manual operation

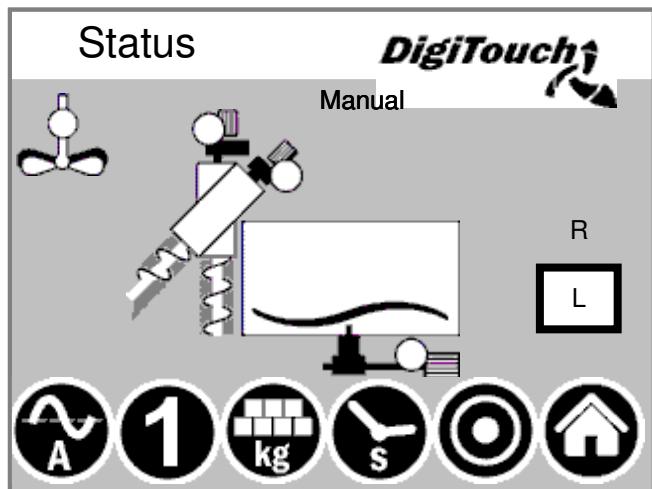


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 11

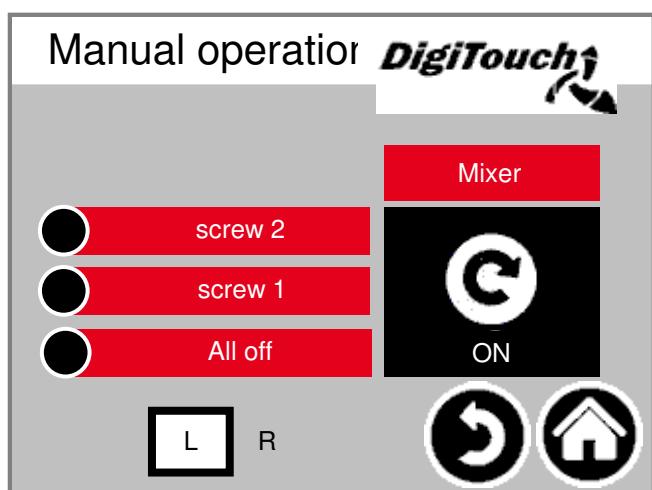
Rondomat upper feed

Status display



In this mask, the actual stage is indicated above. Below there are 5 symbols representing the different status indicators.

Manual operation

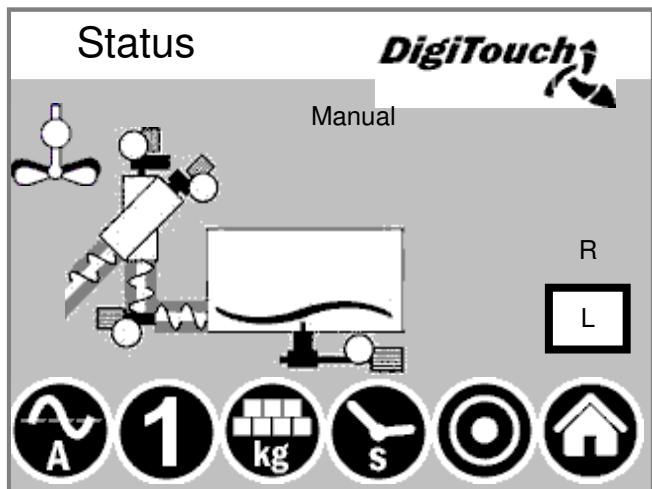


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 12

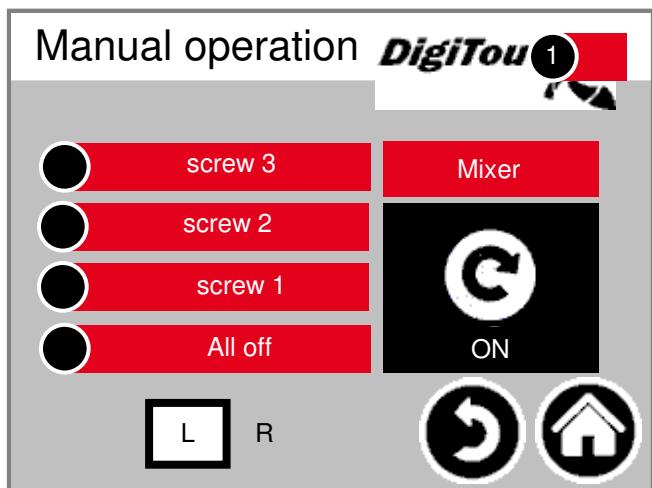
Rondomat upper rear feed

Status display



In this mask, the actual stage is indicated above. Below there are 5 symbols representing the different status indicators.

Manual operation

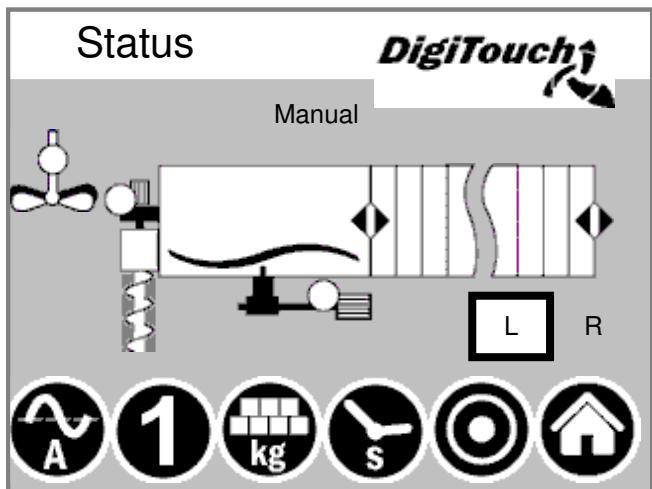


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 20

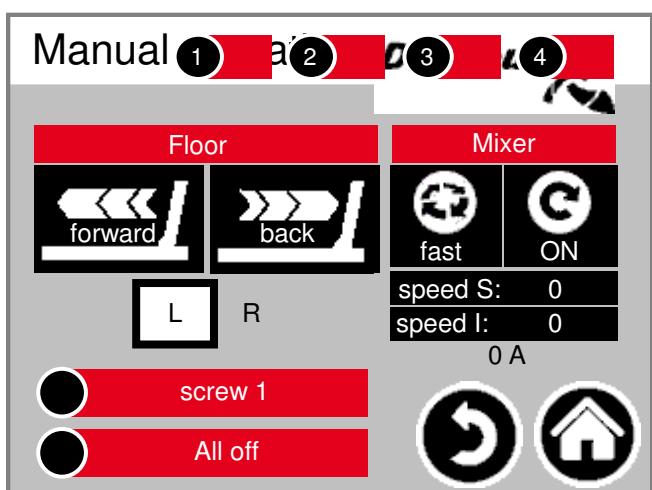
extension Rondomat lower feed

Status display



In this mask, the actual stage is indicated above. Below there are 5 symbols representing the different status indicators.

Manual operation

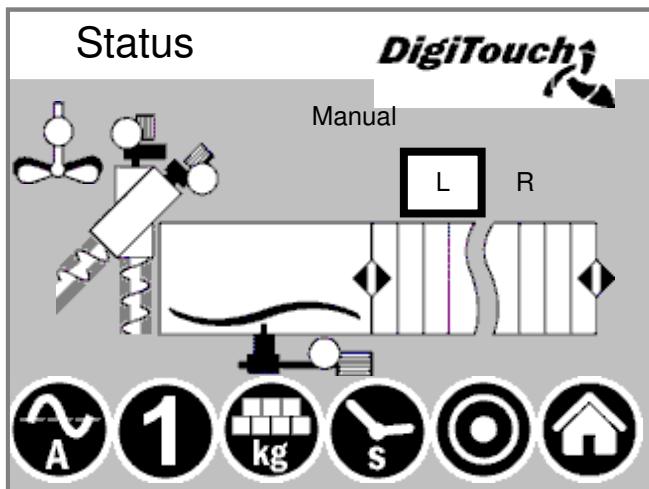


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 21

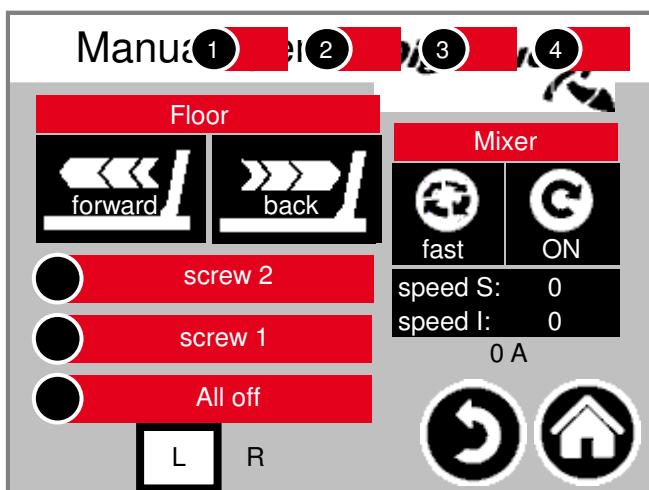
extension Rondomat upper feed

Status display



In this mask, the actual stage is indicated above. Below there are 5 symbols representing the different status indicators.

Manual operation

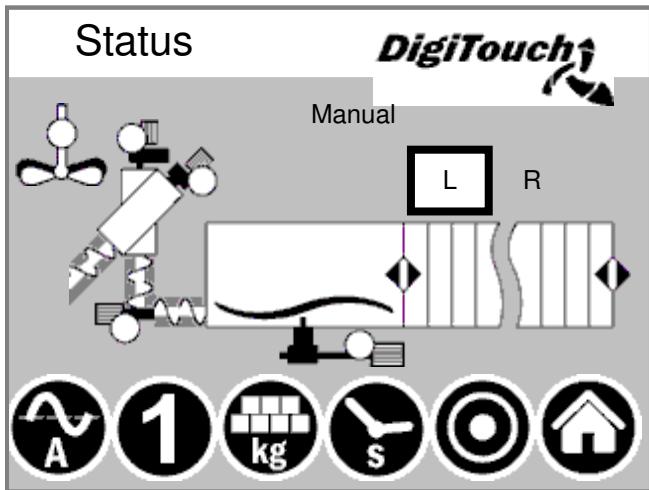


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 22

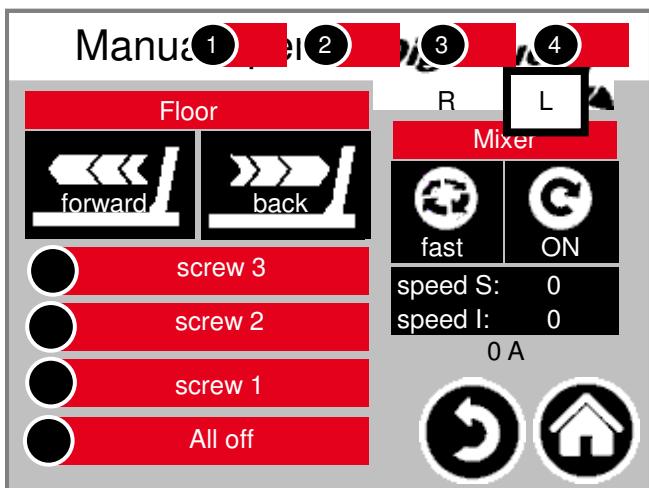
extension Rondomat upper rear feed

Status display



In this mask, the actual stage is indicated above. Below there are 5 symbols representing the different status indicators.

Manual operation

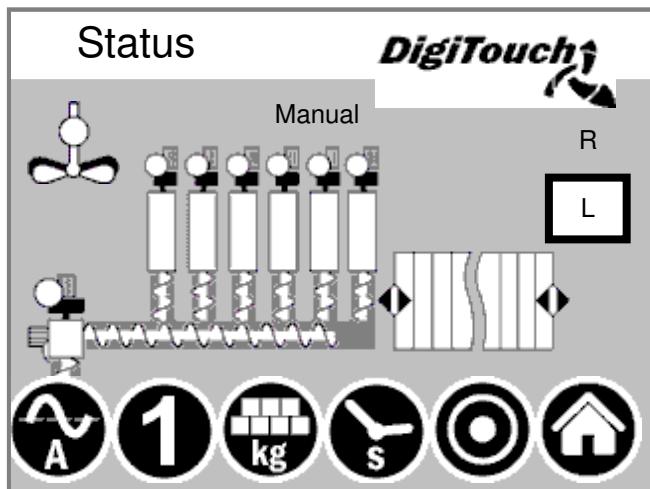


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 30

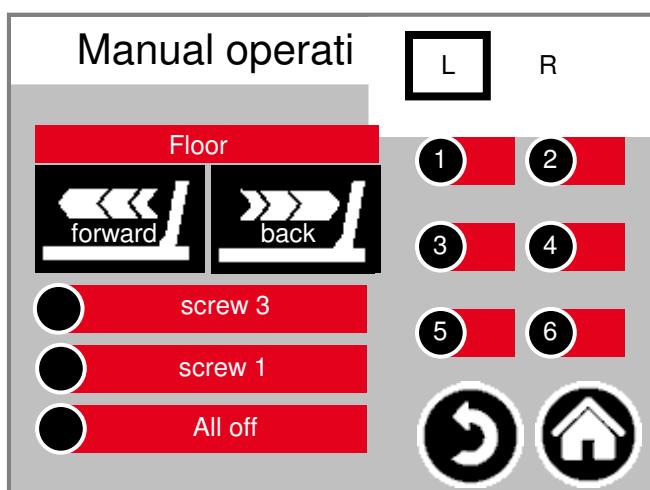
Duplex lower feed

Status display



The current stage is displayed at the top and the active motors (rotating bar) directly in the middle of this screen. Below there are 5 symbols representing the different status indicators. In addition, the limit switches are visualized.

Manual operation

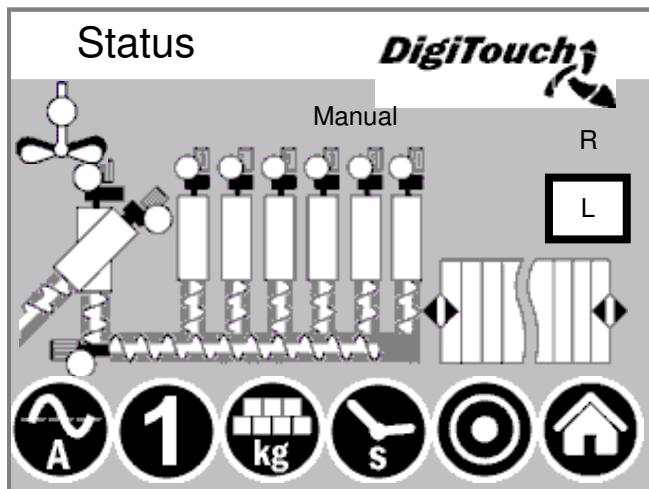


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 32

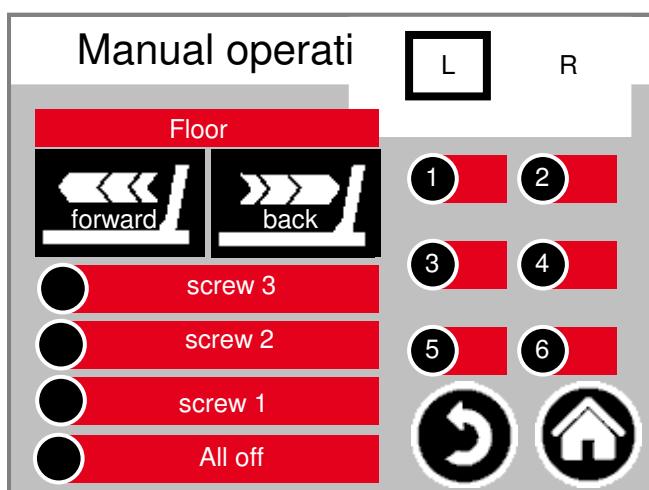
Duplex upper feed

Status display



The current stage is displayed at the top and the active motors (rotating bar) directly in the middle of this screen. Below there are 5 symbols representing the different status indicators. In addition, the limit switches are visualized.

Manual operation



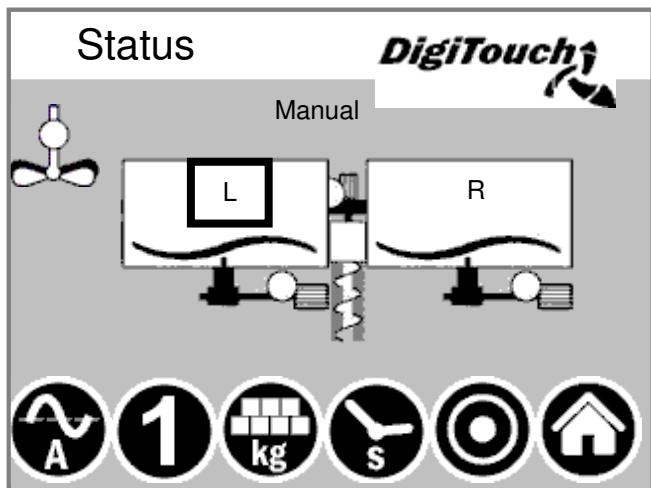
This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 40

Double Rondomat

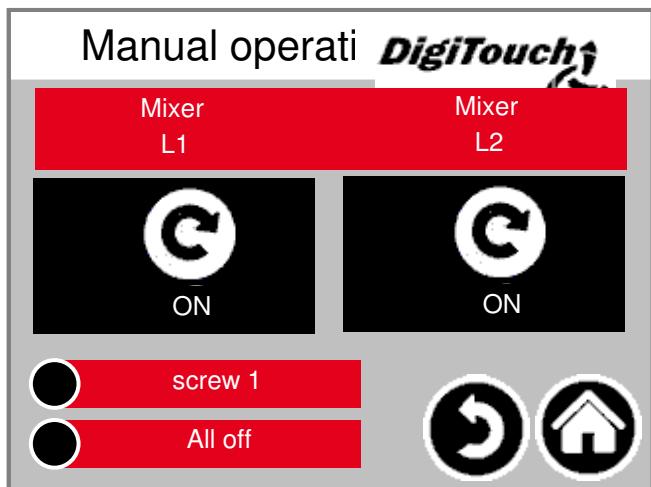
lower feed

Status display



The current stage is displayed at the top and the active motors (rotating bar) directly in the middle of this screen. Below there are 5 symbols representing the different status indicators. In addition, the limit switches are visualized.

Manual operation

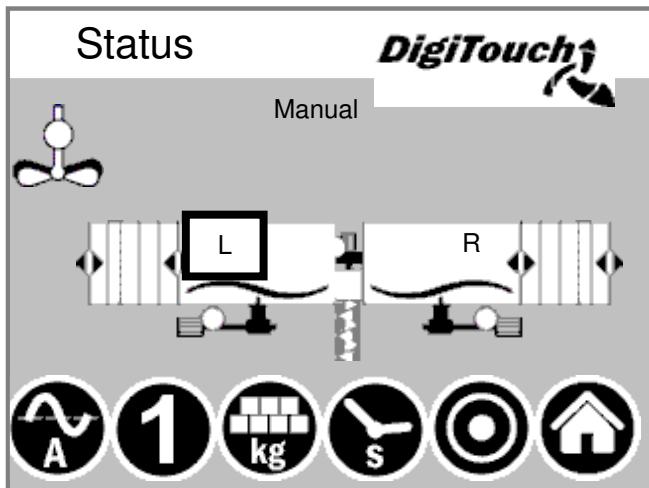


This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

Type 50 / 51 / 52

Double Rondomat as Duplex lower feed

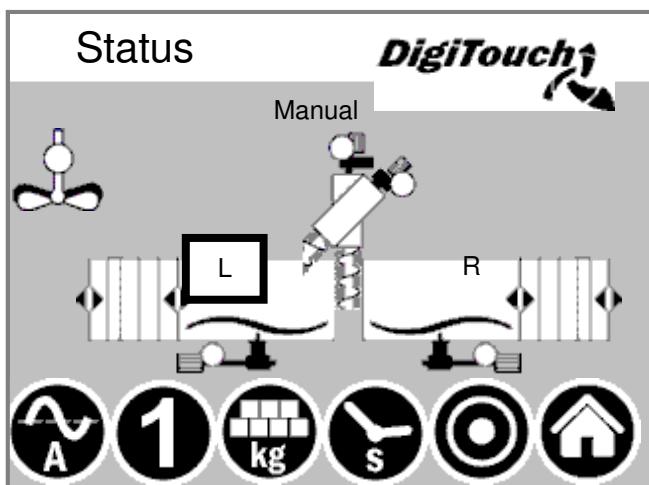
Status display



The current stage is displayed at the top and the active motors (rotating bar) directly in the middle of this screen. Below there are 5 symbols representing the different status indicators. In addition, the limit switches are visualized.

Double Rondomat as Duplex upper feed

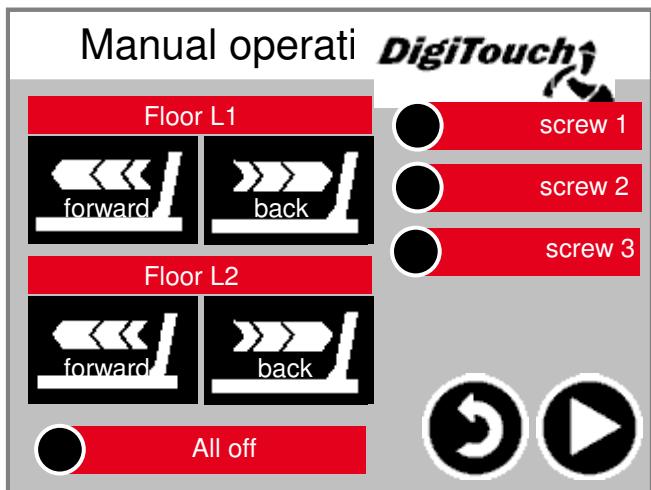
Status display



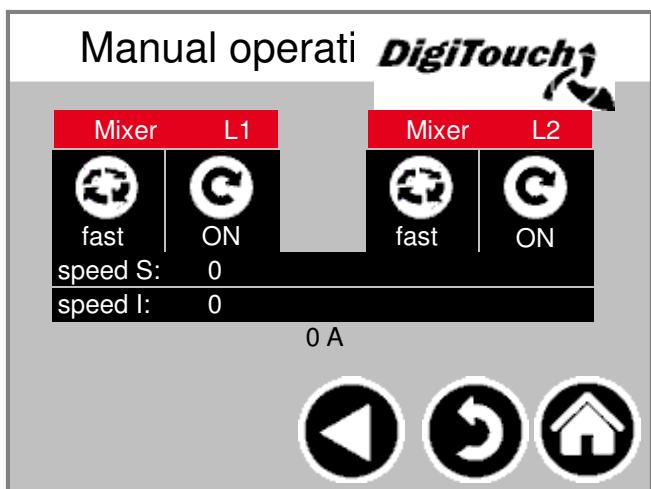
The current stage is displayed at the top and the active motors (rotating bar) directly in the middle of this screen. Below there are 5 symbols representing the different status indicators. In addition, the limit switches are visualized.

Type 50 / 51 / 52

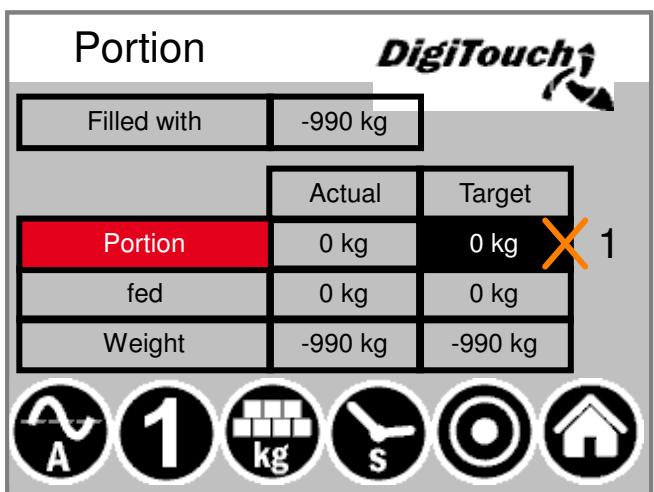
Manual operation



This screen facilitates manual operation of the individual drives. Normally this is not necessary. **WARNING:** No monitoring in this case. Screen can only be used when manual operation has been selected.

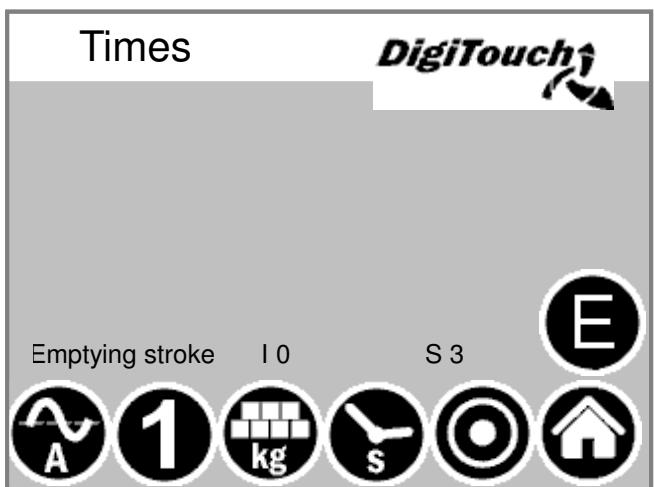


Symbol "kg" (portion)

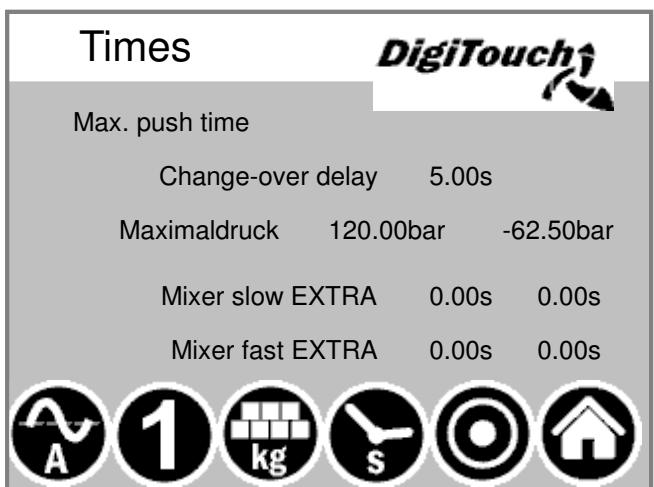


Here the portion is adjusted. In addition, the feeding calculation is visible here. The next target weight is calculated depending on the filling quantity, the number of dosings since the filling and the size of the portion. With this new procedure the container will be empty "on the dot". ATTENTION: The portion can only be adjusted in filling mode!

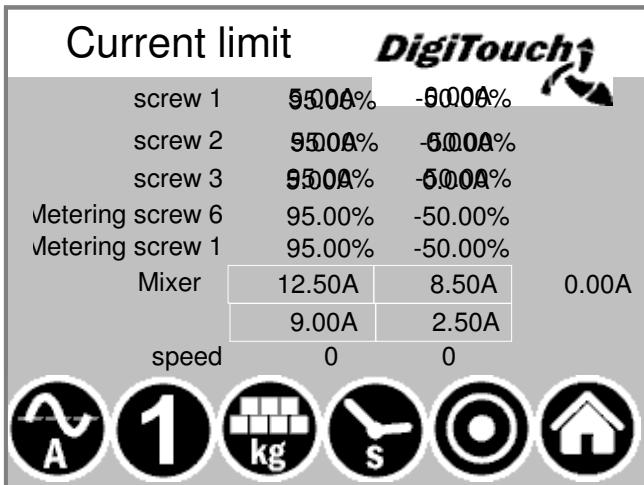
Symbol "s" (timer)



The individual timers are displayed here. By pressing the "E" button additional timers are displayed.

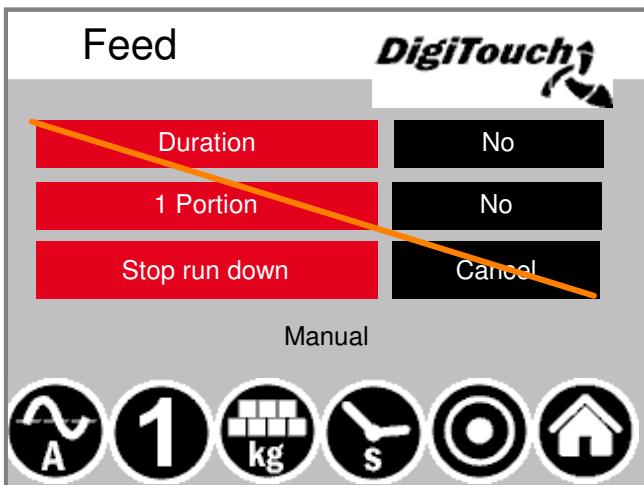


Symbol "A" (power display)



The power indicator remains blank when in idle mode. A value indicating power as well as the limit value is only displayed when a particular motor is running. If a limit value is exceeded, the conveyor from the previous stage is stopped in order to reduce material supply. As a result, blockages and overloads are reduced and prevented!

Symbol "1" (feed)



The top button puts the equipment in continuous mode. Feeding then runs continuously until the button is pressed again. Button 2 allows an individual portion to be introduced. Pressing the button again stops the dosing, even when the portion has not been used. If you wish to interrupt the process in this phase, button 3 can be used for this.

Configure parameter/s

Setting the operating parameters

Times 1

Times 1		
	rerun (startu	rrun (run do
Agitator	1.7s	1.7s
screw 1	1.7s	1.7s
screw 2	1.7s	1.7s
screw 3	1.7s	1.7s
Mixer slow	1.7s	1.7s
Mixer fast	1.7s	1.7s



Pre- and afterrun times.
ATTENTION: The menu conforms to the equipment configuration.

Times 2

Times 2		
	rerun (startu	rrun (run do
Metering screw1	1.7s	1.7s
Metering screw2	1.7s	1.7s
Metering screw3	1.7s	1.7s
Metering screw4	1.7s	1.7s
Metering screw5	1.7s	1.7s
Metering screw6	1.7s	1.7s



Pre- and afterrun times.
ATTENTION: The menu conforms to the equipment configuration.

Times 3

Times 3			DigiTouch
	small	big	
Pushing pause	10s	8s	
Push ram	2s	4s	
Dosing time			
	Time	No.	
Emptying stroke	20s	3 x	

Cycle time of the sliding floor. Must be adapted to the material.

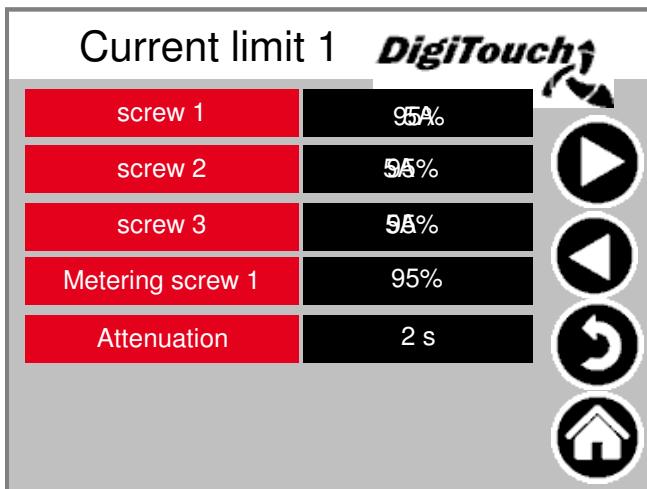
Maximum dosing time --> Switch- off due to exceedance.

Emptying stroke - when the end position is reached the wall retracts repeatedly in order to reduce the residue quantities.

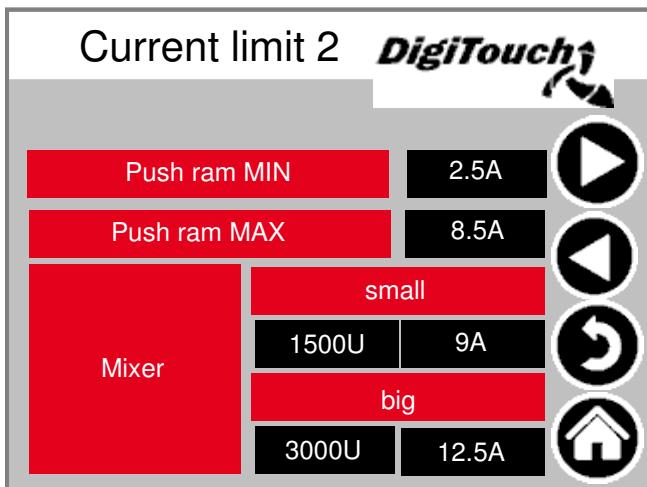
Times 4

Times 4			DigiTouch
DUMP-Signal		1.7s	
Waage Beruhigen		1.7s	
Mixer slow EXTRA		0s	
Mixer fast EXTRA		0s	

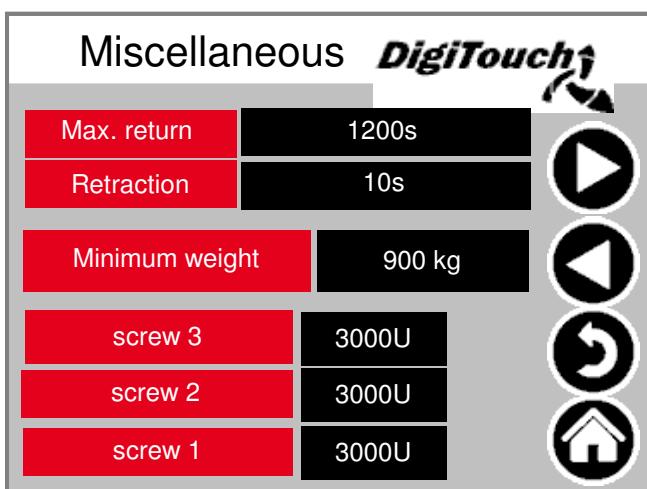
Current limit



Power limit in A or in % depending on equipment.
Mixer activation in A and speed when equipped with FC.



Miscellaneous



Maximum time for the valve return. Time for retraction (pre- compression). Minimum weight, below which the equipment switches off.

Setup menu

Equipment mode **DigiTouch**

DigiTouch Solo



Type 0

DigiTouch Solo



The menus shown here are for the setup mode and not intended for the user. They are protected with a code.

Equipment mode **DigiTouch**

DigiTouch Solo



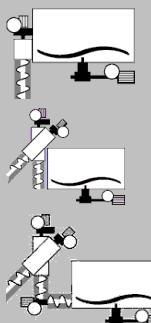
Type 1

DigiTouch Relais



Equipment model **DigiTouch**

Rondomat "solo"



Type 10



Lower feed



Type 11



Upper feed



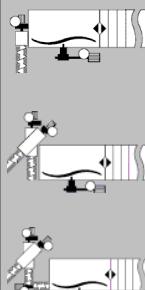
Type 12



ObenHinteneinbringer

Equipment model **DigiTouch**

Rondomat Vario with BAC



Type 20

Lower feed

Type 21

Upper feed

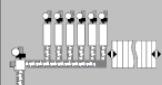
Type 22

ObenHinteneinbringer



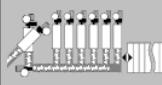
Equipment model **DigiTouch**

Duplex



Type 30

Lower feed



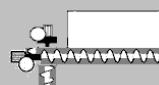
Type 32

Upper feed



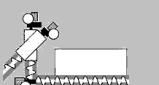
Equipment model **DigiTouch**

oekomat 0



Type 60

Lower feed



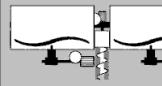
Type 61

Upper feed



Equipment model **DigiTouch**

Rondomat "solo" x2



Type 40

Lower feed



Type 41

Upper feed

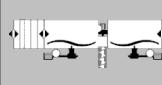


Type 42

ObenHinteneinbringer

Equipment model **DigiTouch**

Rondomat Vario with BAC x2



Type 50

Lower feed



Type 51

Upper feed



Type 52

ObenHinteneinbringer

Equipment

Equipment 1

DigiTouch

screw 1	Yes
screw 1 FU	Yes
screw 2	Yes
screw 2 FU	Yes
screw 3	Yes
screw 3 FU	Yes



Equipment 2

DigiTouch

Agitator	Yes
Mixer	Yes
Mixer RE	Yes
Mixer FU	Yes
Mixer FU RE	Yes
Emergency stop	Yes
Floor	Yes



Equipment 3

DigiTouch

Metering screw1	Yes
Metering screw2	Yes
Metering screw3	Yes
Metering screw4	Yes
Metering screw5	Yes
Metering screw6	Yes



Equipment 4



Omit, add or activate portion here!

Roof 1

Yes



Roof 2

Yes



Roof ENDL

No



Portion (++ / --)

No



Equipment 5



screw 1 RE

No



screw 2 RE

No



Time delayed switch off

Yes



setable Profibus ID ?

Yes



Analogue output

Yes



CAN-Modul 32

Yes

Equipment 6

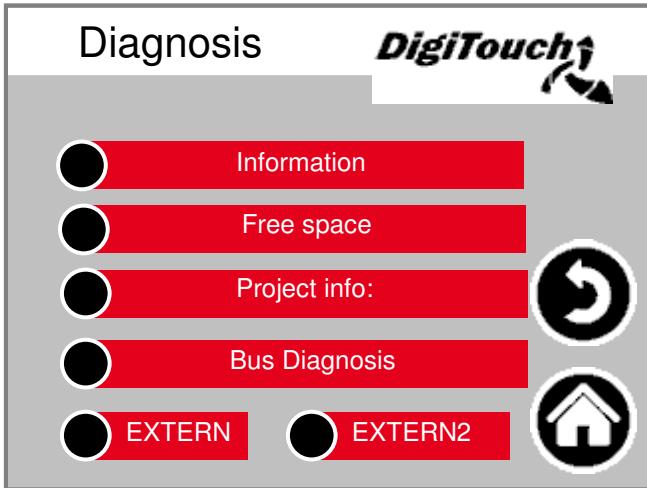


extern Pausieren Neg.

No

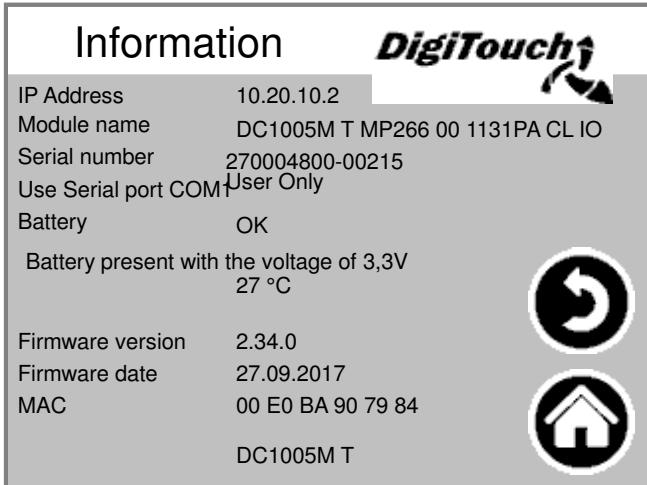


Diagnosis



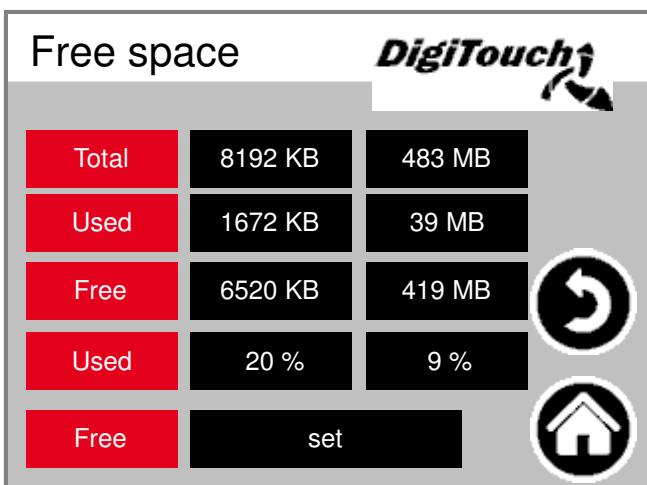
Menu overview for diagnosis!

Information



Project information, such as type, program version, date etc.

Free space



Amount of free memory. Button to delete the alarm history and to free memory.

Information

Project info: 

Project:	Biogas_PrintoutManual.pro
Project date:	DT#2019-01-08-13:34:20
Project title:	9-01-08 13:20:37Z hoepfr \$
Project author:	\$LastChangedBy: hoepfr \$
Project descripti	WorkspaceInformation.pin \$
Version:	tChangedRevision: 24564 \$
Project ID:	98796
Retain size:	2396




Project information, such as type, program version, date etc.

Operator

Operator 

Chassis no.	F12345
Job no.	AU-123456
Short name	Muster
	PR-D12345678




Chassis and job number

Set default values

Default values 

Default values

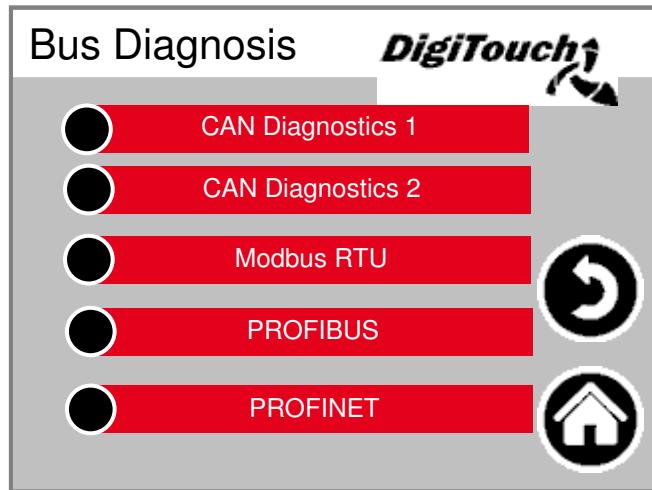
set

2345_AU-123456_PR-D12345678_Muster
45_AU-123456_PR-D12345678_Muster_S



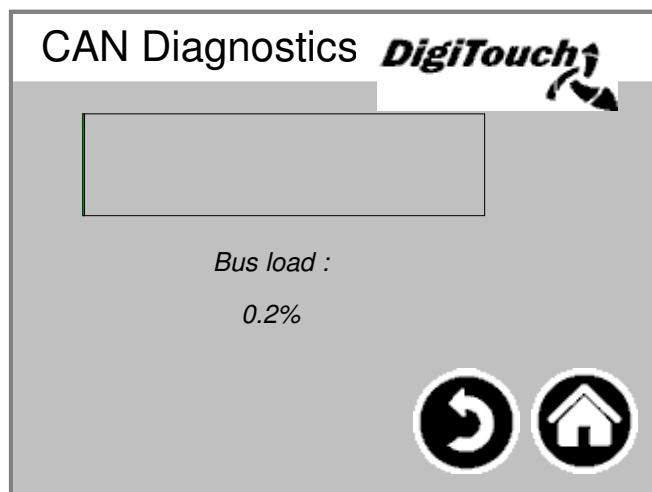

Set the default values as the actual values.
PIN protected:

Bus Diagnosis



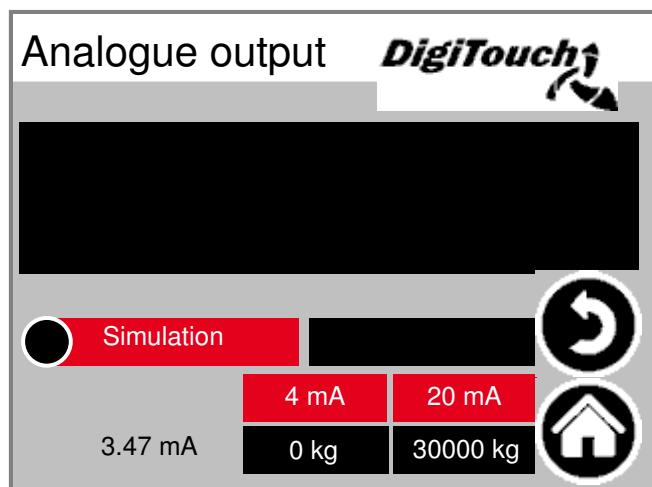
Diagnosis of the different bus systems.

CAN bus load



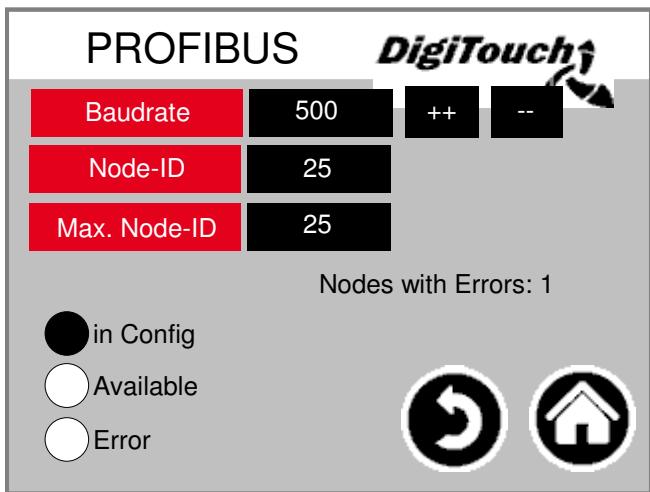
Bus load on the CAN bus

Analogue output 4..20 mA

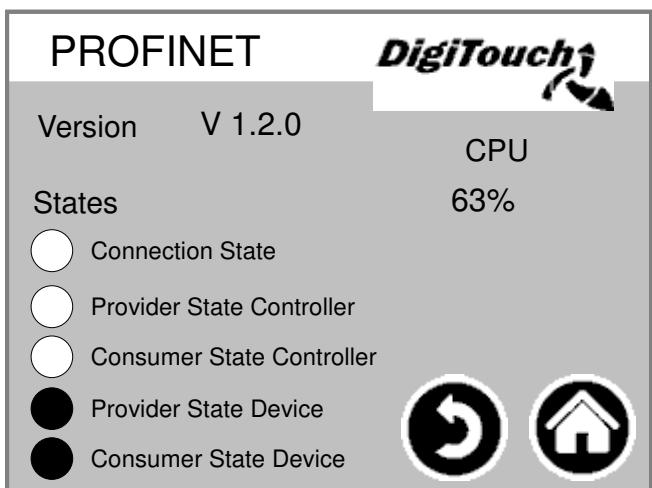


Parameterisation of the analogue output.
Simulation can be used, in order to make a comparison with the higher-level control system.

PROFIBUS



PROFINET



CAN Diagnostics

Node:	Bus status:
32	97
33	97
34	97
35	97
36	97
37	97
38	97
39	97
40	97

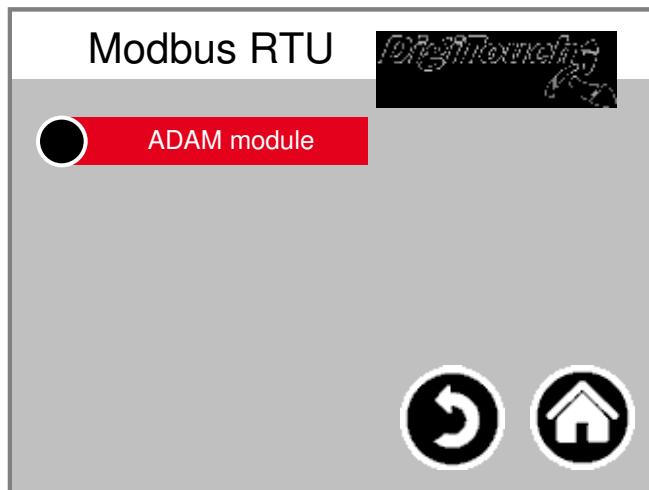
The

different CAN devices: From the top:
CAN-Master Analogue output FC1 .. FC4
The status in detail:

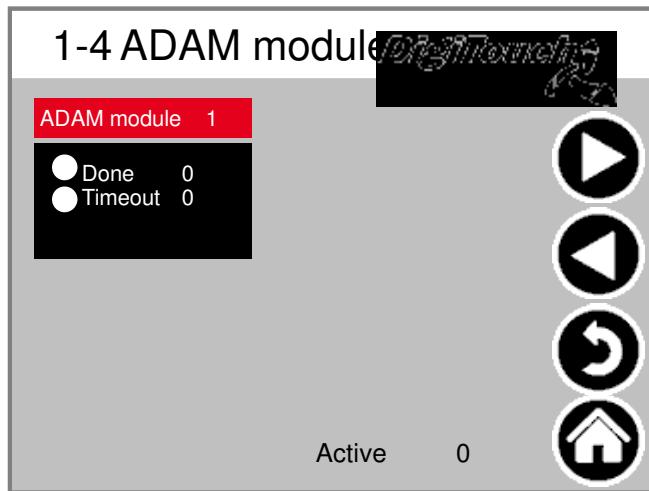
MASTER:

Status 0,1,2: They run from the master automatically and in the first cycles following an SPS start. Status 3: Status 3 of the master will be retained for some time. Status 5: Status 5 is the normal operating mode for the master. SLAVE: Status -1: The slave is reset by the NMT message [reset node] and changes independently into status 1. Status 1: The slave changes after a maximum time of 2 seconds, or immediately after receiving its boot-up message into status 2. Status 2: The slave automatically changes into status 3 after a delay of 0.5 seconds. This time confirms that many open CAN devices are not immediately ready to receive their configuration SDOs, after they have sent their boot-up messages. Status 3: In status 3 the slave is configured. Slaves where a problem arises during the configuration phase, stay in status 3 or change directly into a failure state following the configuration phase (status > 5). Status 5: Status 5 is the slaves normal operating mode. Status 97: A node changes into status 97 when it is operational (Operational device in the CAN configuration) and not on the SDO request, after the object has responded with 0x1000. Status 98: A node changes to Status 98, when the device type (object 0x1000) does not correspond to the configuration type.

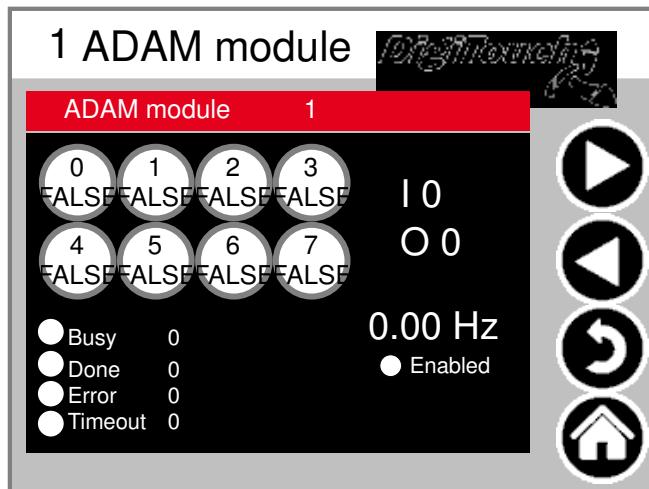
Modbus RTU



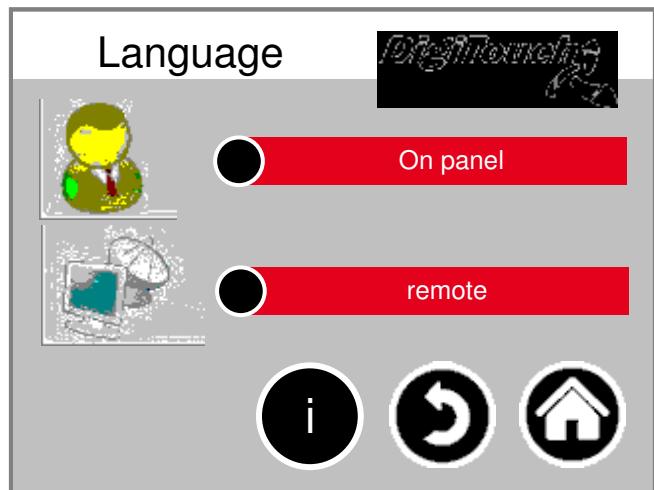
ADAM module



ADAM module 1

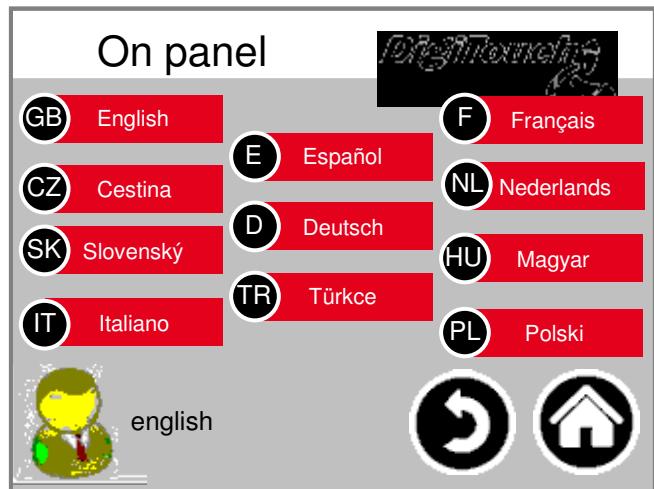


Language selection



Here you can specify if working locally or at a remote location.

Local language selection



Language switch - local. The language of the touch screen is changed and saved in such a way, that it is still available at the next start (power fail- safe).

Language file information

Language 

Meldungen.xml:tChangedRevision: 19152 \$
modi.xml:tChangedRevision: 19152 \$
sprachen.xml:tChangedRevision: 19152 \$
alarmmeld.xml:tChangedRevision: 23293 \$
allgemein.xml:tChangedRevision: 19694 \$
weiteres.xml:tChangedRevision: 19152 \$
weiteres2.xml:tChangedRevision: 19152 \$




The language file version is shown here. This is to check whether a file update was successful.

Language selection removed

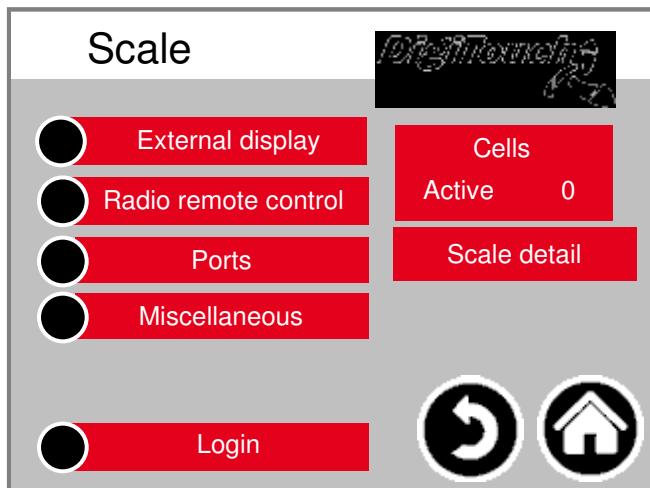
remote 

GB English	E Spanish	F French
CZ Czech	D German	NL Dutch
SK Slovak	TR Turkish	HU Hungarian
IT Italian		PL Polish



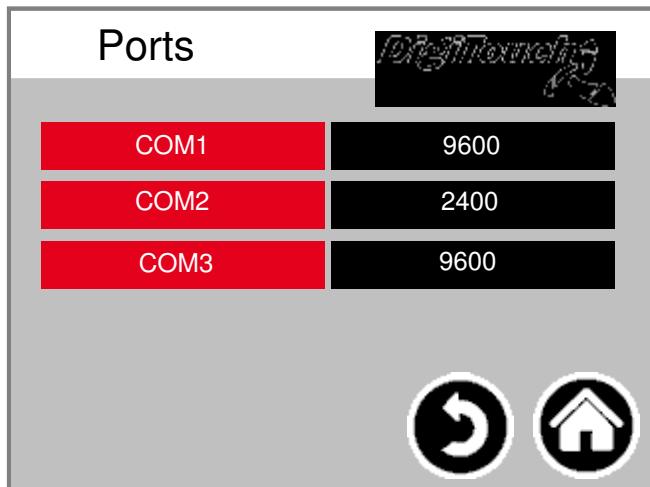

Language switch - remote. Here the language can be changed using a remote console, e.g. via the Web.

Scale



The overview menu enables access to all weighing scale setting and diagnosis functions.

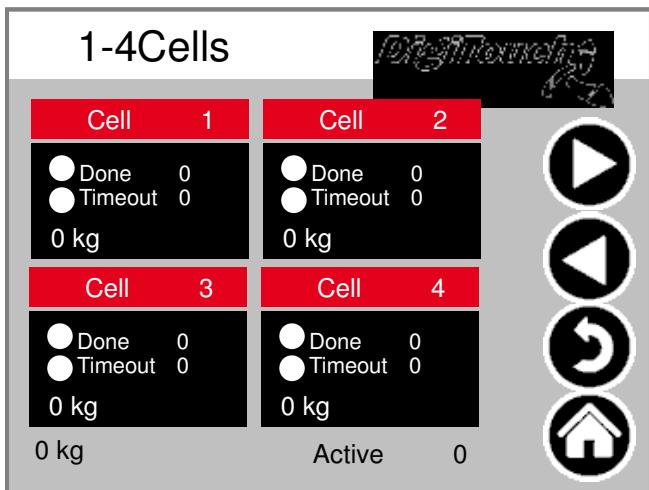
COM ports



Display of the 3 COM port baud rates. For diagnostic purposes!

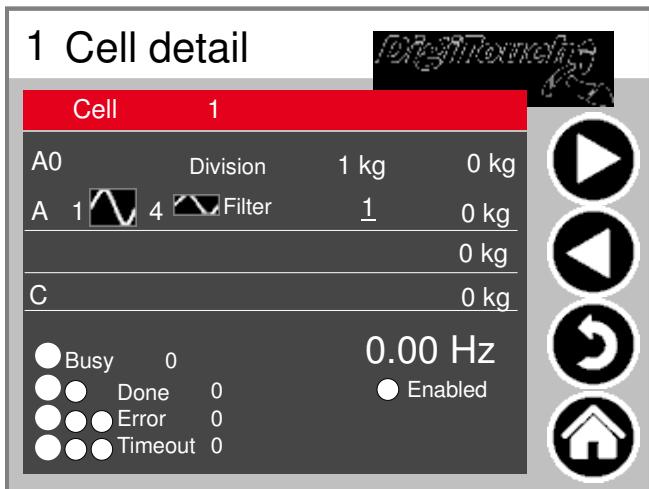
Cells 1-4

(identical 5-8; 9-12)

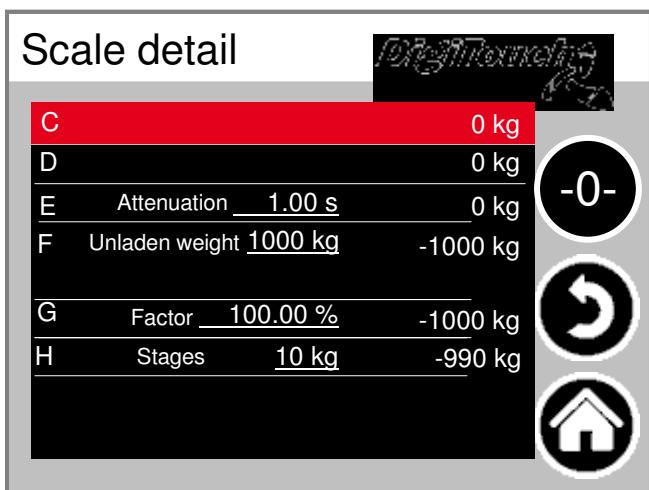


Cell 1

(identical 2ff)



Settings scale all

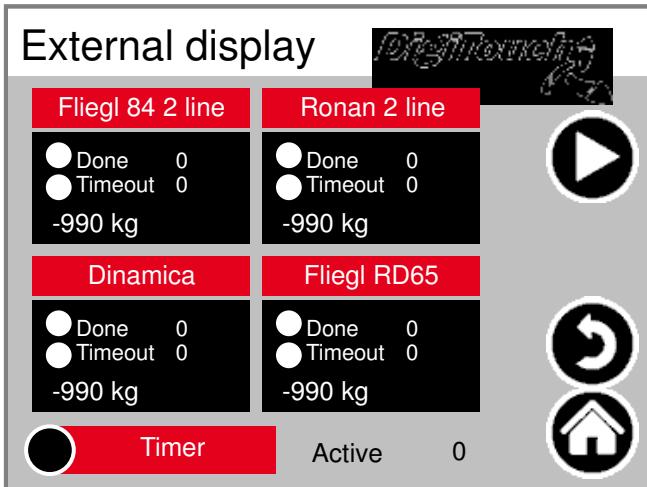


Overview of 4 cells each.
Arrows for browsing. Touch box to activate Touch bar to get details.

Detail menu
including setting minimum
maximum cell loading;
filter A and C

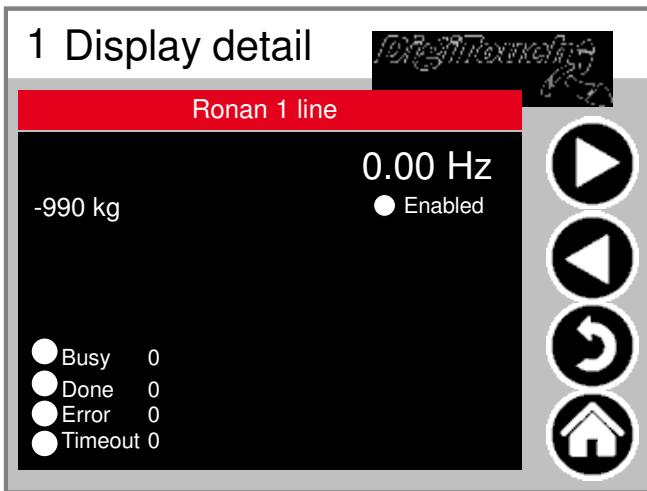
Maximum and minimum weighing
capacity; total filter;
increments

External display 1-4



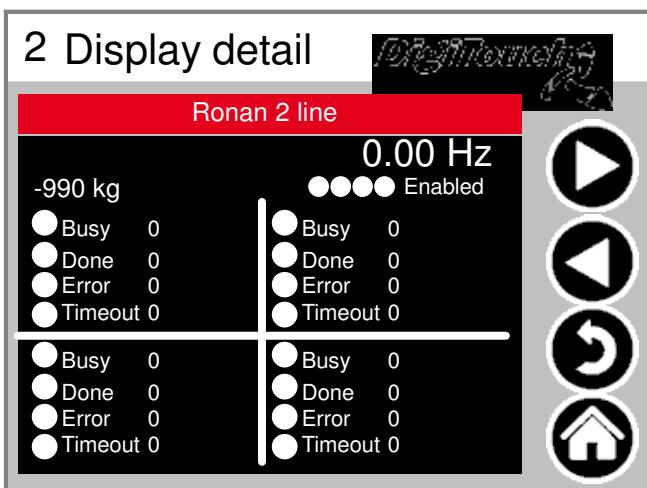
Activating an external display. ATTENTION: Many settings require a new start for them to take effect.

Display 1 detail (1 line)



Detailed view of the display, for all 1 line displays the mask looks like this (1 data area).

Display 2 detail (2 lines)

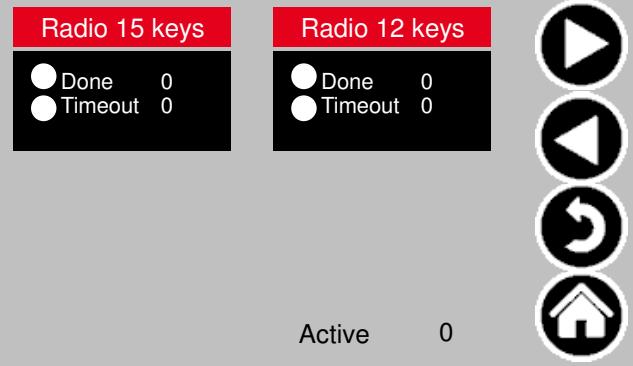


Detailed view of the display, for all 2 line displays the mask looks like this (4 data areas).

Radio remote control

Radio remote control

Digital Remote

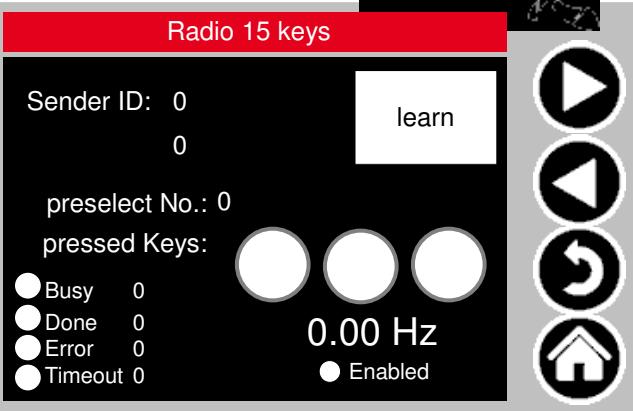


Overview of the radio remote control, currently only 1 type. Touch box to activate Touch bar to get details.

Radio remote control detail

1 Radio remote control

Digital Remote



Detailed view radio. The serial number is saved here using "learn". 3 circles depict the state of the 3 upper keys.

EXTERN

EXTERN		Digimanche			
		DIG	PB	PN	MB
PAUSIEREN	!	●	●	●	●
EIN_DAUER		●	●	●	●
EIN_PULS		●	●	●	●
AUS_PULS		●	●	●	●

0 0 0 0

EXTERN		Digimanche			
		DIG	PB	PN	MB
EIN_PULS		●	●	●	●

0 Intern: 0 Extern 0

AUS_PULS		Digimanche			
		DIG	PB	PN	MB
AUS_PULS		●	●	●	●

0

Miscellaneous

Miscellaneous		Digimanche	
Weigh Cell Timeout		72ms	
Error Free Time Weighing		2s	
Show Errors		Yes	
Call Each x Cycle		1	

Alarm texts

0	system/alarmgroupallalarms 0	8	Fault right feed
1	Emergency stop	9	Fault hydraulic roof power unit
2	Fault screw 2	10	Fault valve fuse
3	Fault screw 3	11	Fault roof L2 hydraulic power unit
4	Fault screw 1	12	Fault L2 hydraulic power unit
5	Fault roof valve fuse	13	Fault L2 valve fuse
6	Fault variable frequency mixer motor	14	Fault right elevated screw conveyor
7	Fault hydraulic power unit	15	Fault right lateral screw conveyor

16	Fault 16	24	Fault right mixer
17	Fault metering screw1	25	A1 card error
18	Fault metering screw 2	26	Fault variable frequency mixer RE motor
19	Fault metering screw 3	27	A2 card error
20	Fault metering screw 4	28	A3 card error
21	Fault metering screw 5	29	Fault FC screw 3
22	Fault metering screw 6	30	Fault FC screw 2
23	Fault mixer	31	Fault FC screw 1

32	Load cell 1 error	40	Load cell 9 error
33	Load cell 2 error	41	Load cell 10 error
34	Load cell 3 error	42	Load cell 11 error
35	Load cell 4 error	43	Load cell 12 error
36	Load cell 5 error	44	Load cell 13 error
37	Load cell 6 error	45	Load cell 14 error
38	Load cell 7 error	46	Load cell 15 error
39	Load cell 8 error	47	Load cell 16 error

48	Load cell 1 no response	56	Load cell 9 no response
49	Load cell 2 no response	57	Load cell 10 no response
50	Load cell 3 no response	58	Load cell 11 no response
51	Load cell 4 no response	59	Load cell 12 no response
52	Load cell 5 no response	60	Load cell 13 no response
53	Load cell 6 no response	61	Load cell 14 no response
54	Load cell 7 no response	62	Load cell 15 no response
55	Load cell 8 no response	63	Load cell 16 no response

64	system/alarmgroupallalarms 64	72	system/alarmgroupallalarms 72
65	system/alarmgroupallalarms 65	73	system/alarmgroupallalarms 73
66	system/alarmgroupallalarms 66	74	system/alarmgroupallalarms 74
67	system/alarmgroupallalarms 67	75	system/alarmgroupallalarms 75
68	system/alarmgroupallalarms 68	76	system/alarmgroupallalarms 76
69	system/alarmgroupallalarms 69	77	system/alarmgroupallalarms 77
70	system/alarmgroupallalarms 70	78	system/alarmgroupallalarms 78
71	system/alarmgroupallalarms 71	79	system/alarmgroupallalarms 79

Alarm texts

80	system/alarmgroupallalarms 80	88	system/alarmgroupallalarms 88
81	system/alarmgroupallalarms 81	89	system/alarmgroupallalarms 89
82	system/alarmgroupallalarms 82	90	system/alarmgroupallalarms 90
83	system/alarmgroupallalarms 83	91	system/alarmgroupallalarms 91
84	system/alarmgroupallalarms 84	92	system/alarmgroupallalarms 92
85	system/alarmgroupallalarms 85	93	system/alarmgroupallalarms 93
86	system/alarmgroupallalarms 86	94	system/alarmgroupallalarms 94
87	system/alarmgroupallalarms 87	95	system/alarmgroupallalarms 95

96	system/alarmgroupallalarms 96	104	system/alarmgroupallalarms 104
97	system/alarmgroupallalarms 97	105	system/alarmgroupallalarms 105
98	system/alarmgroupallalarms 98	106	system/alarmgroupallalarms 106
99	system/alarmgroupallalarms 99	107	system/alarmgroupallalarms 107
100	system/alarmgroupallalarms 100	108	system/alarmgroupallalarms 108
101	system/alarmgroupallalarms 101	109	system/alarmgroupallalarms 109
102	system/alarmgroupallalarms 102	110	system/alarmgroupallalarms 110
103	system/alarmgroupallalarms 103	111	system/alarmgroupallalarms 111

112	Low available memory	120	HAlarmGroupMemory.m.ID08
113	Very low available memory	121	HAlarmGroupMemory.m.ID09
114	RETAIN memory error	122	HAlarmGroupMemory.m.ID10
115	Time delayed switch off	123	HAlarmGroupMemory.m.ID11
116	Low available SD memory	124	HAlarmGroupMemory.m.ID12
117	Very low available SD memory	125	HAlarmGroupMemory.m.ID13
118	HAlarmGroupMemory.m.ID06	126	HAlarmGroupMemory.m.ID14
119	HAlarmGroupMemory.m.ID07	127	Wireless ID error

128	Fault CAN master	136	IAlarmGroupCANBus.m.ID08
129	Fault CAN outputs	137	IAlarmGroupCANBus.m.ID09
130	Fault CAN FC1	138	IAlarmGroupCANBus.m.ID10
131	Fault CAN FC2	139	IAlarmGroupCANBus.m.ID11
132	Fault CAN FC3	140	IAlarmGroupCANBus.m.ID12
133	Fault CAN FC4	141	IAlarmGroupCANBus.m.ID13
134	Fault CAN FC5	142	IAlarmGroupCANBus.m.ID14
135	IAlarmGroupCANBus.m.ID07	143	IAlarmGroupCANBus.m.ID15

Alarmtexte sind im 1:1 Masstab dargestellt.

Alarm texts

Notification texts

0	MELDUNG_INIT	Notification after switch on
1	MELDUNG_PAUSE	Pause
2	MELDUNG_HAND	Manual
3	MELDUNG_AUS	Off
4	MELDUNG_BEFUELLEN	Filling
5	MELDUNG_EXTERN_PAUSE	External pause
8	MELDUNG_LEER	Minimum weight
9	MELDUNG_STOERUNG	Fault

10	MELDUNG_VORLAUF_RUEHRWERK	Agitator startup
11	MELDUNG_VORLAUF_FOERDERSCHEIBE	screw 1 startup
12	MELDUNG_VORLAUF_FOERDERSCHEIBE	screw 2 startup
13	MELDUNG_VORLAUF_FOERDERSCHEIBE	screw 3 startup
21	MELDUNG_VORLAUF_DOSIERSCHNITTLER	Metering screw 1 startup
22	MELDUNG_VORLAUF_DOSIERSCHNITTLER	Metering screw 2 startup
23	MELDUNG_VORLAUF_DOSIERSCHNITTLER	Metering screw 3 startup
24	MELDUNG_VORLAUF_DOSIERSCHNITTLER	Metering screw 4 startup

25	MELDUNG_VORLAUF_DOSIERSCHNITTLER	Metering screw 5 startup
26	MELDUNG_VORLAUF_DOSIERSCHNITTLER	Metering screw 6 startup
32	MELDUNG_VORLAUF_MISCHER_LAUF	Mixer slow startup
33	MELDUNG_VORLAUF_MISCHER_LAUF	Mixer fast startup
41	MELDUNG_DOSIERUNG	Dosage
52	MELDUNG_NACHLAUF_MISCHER_LAUF	Mixer fast run down
53	MELDUNG_NACHLAUF_MISCHER_LAUF	Mixer slow run down
62	MELDUNG_NACHLAUF_DOSIERSCHNITTLER	Metering screw 6 run down

73	MELDUNG_NACHLAUF_RUEHRWER	Agitator run down
80	MELDUNG_AUTOMATISCHE_RUECK	Automatic return
81	MELDUNG_ENTLEERHUB	Emptying stroke
82	MELDUNG_DUMP_SIGNAL	DUMP Signal
83	MELDUNG_FREIFAHREN	Retraction
84	MELDUNG_ANGEFORDERTE_RUECK	Requested return
85	MELDUNG_WAAGE_BERUHIGUNG	Weighing stabilization
0	0	Notification after switch on

63	MELDUNG_NACHLAUF_DOSIERSCH	Metering screw 5 run down
64	MELDUNG_NACHLAUF_DOSIERSCH	Metering screw 4 run down
65	MELDUNG_NACHLAUF_DOSIERSCH	Metering screw 3 run down
66	MELDUNG_NACHLAUF_DOSIERSCH	Metering screw 2 run down
67	MELDUNG_NACHLAUF_DOSIERSCH	Metering screw 1 run down
70	MELDUNG_NACHLAUF_FOERDERSC	screw 3 run down
71	MELDUNG_NACHLAUF_FOERDERSC	screw 2 run down
72	MELDUNG_NACHLAUF_FOERDERSC	screw 1 run down



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