



Functions and operation

Wirtgen Performance Tracker (WPT)

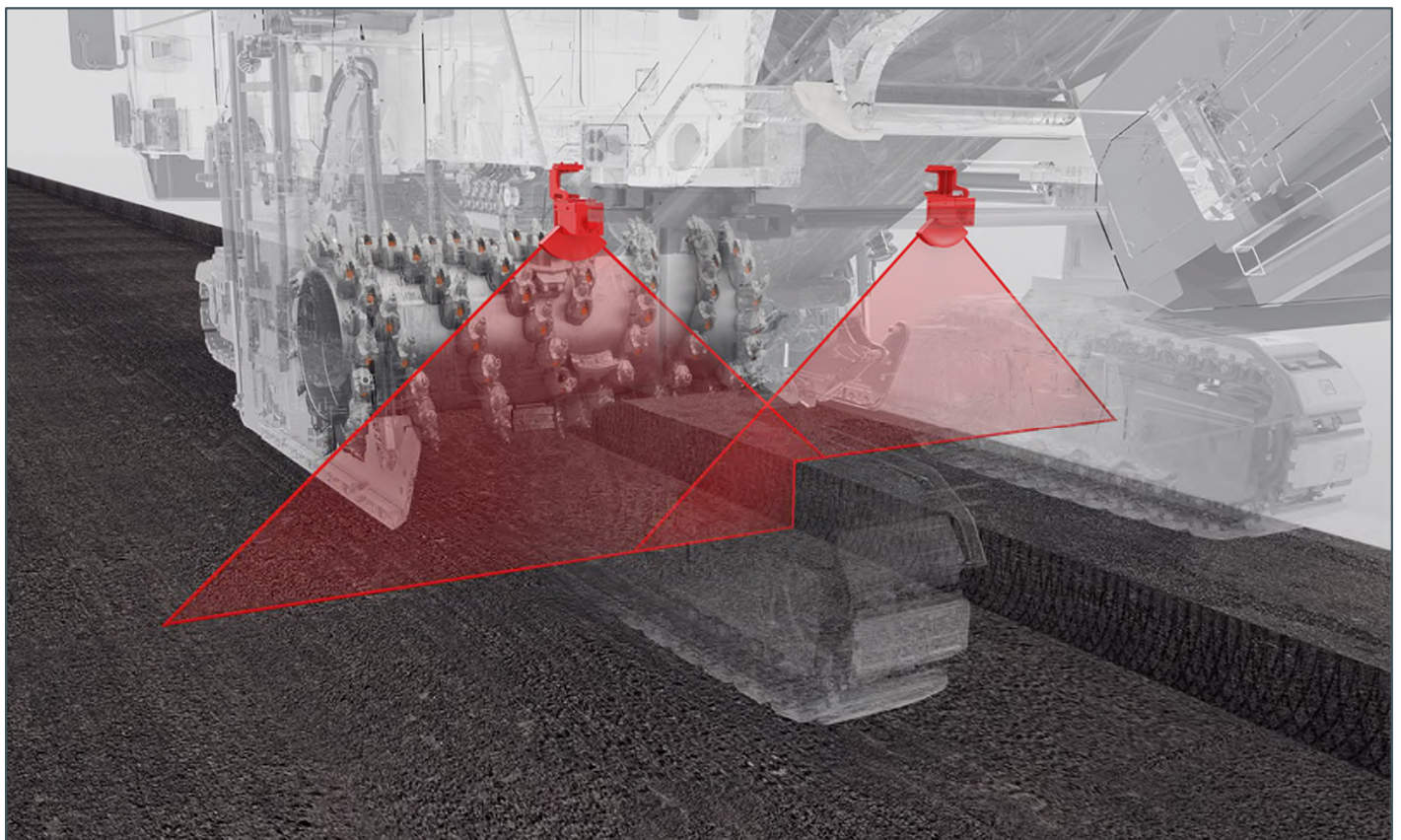
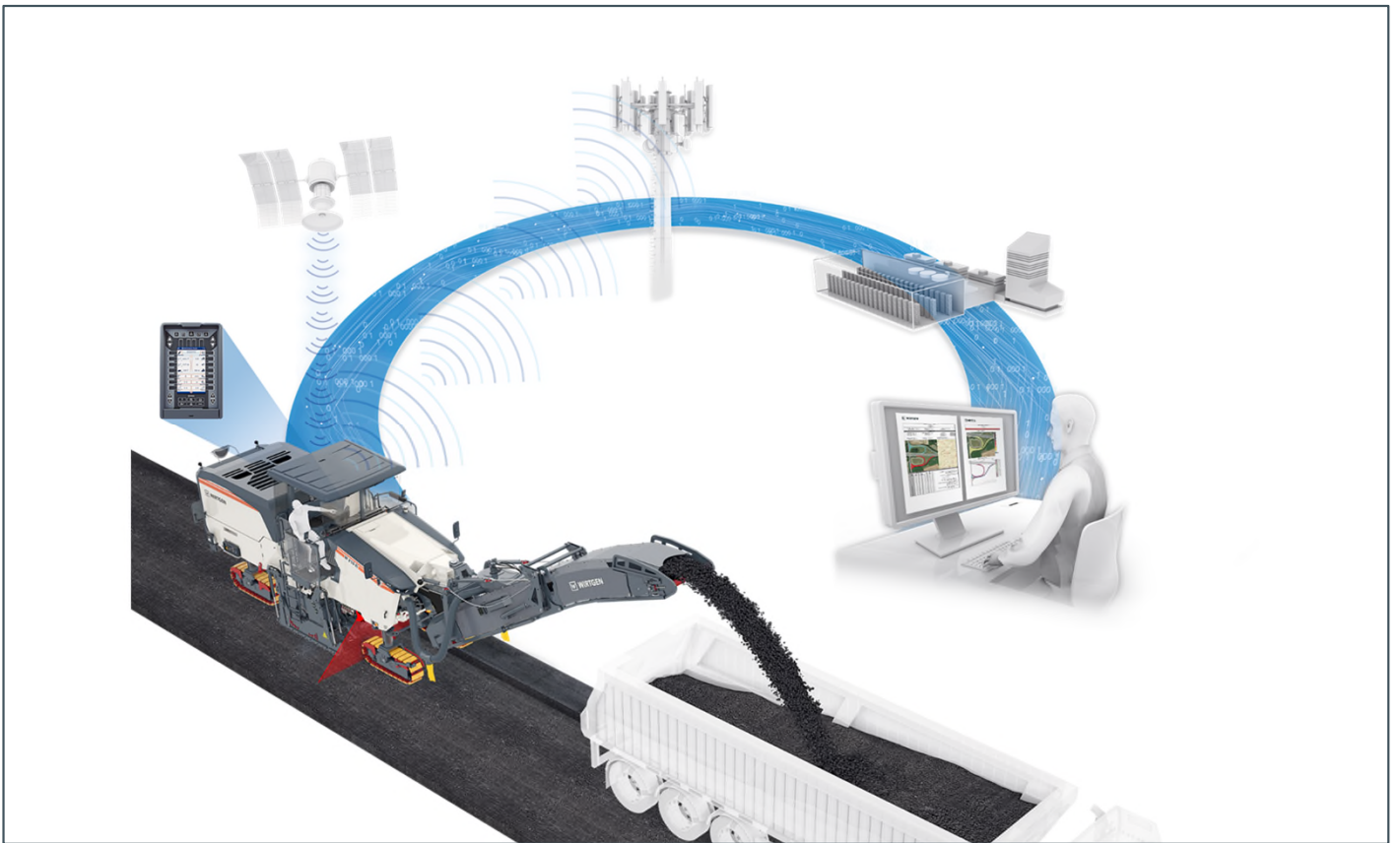


CTT
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and Technology

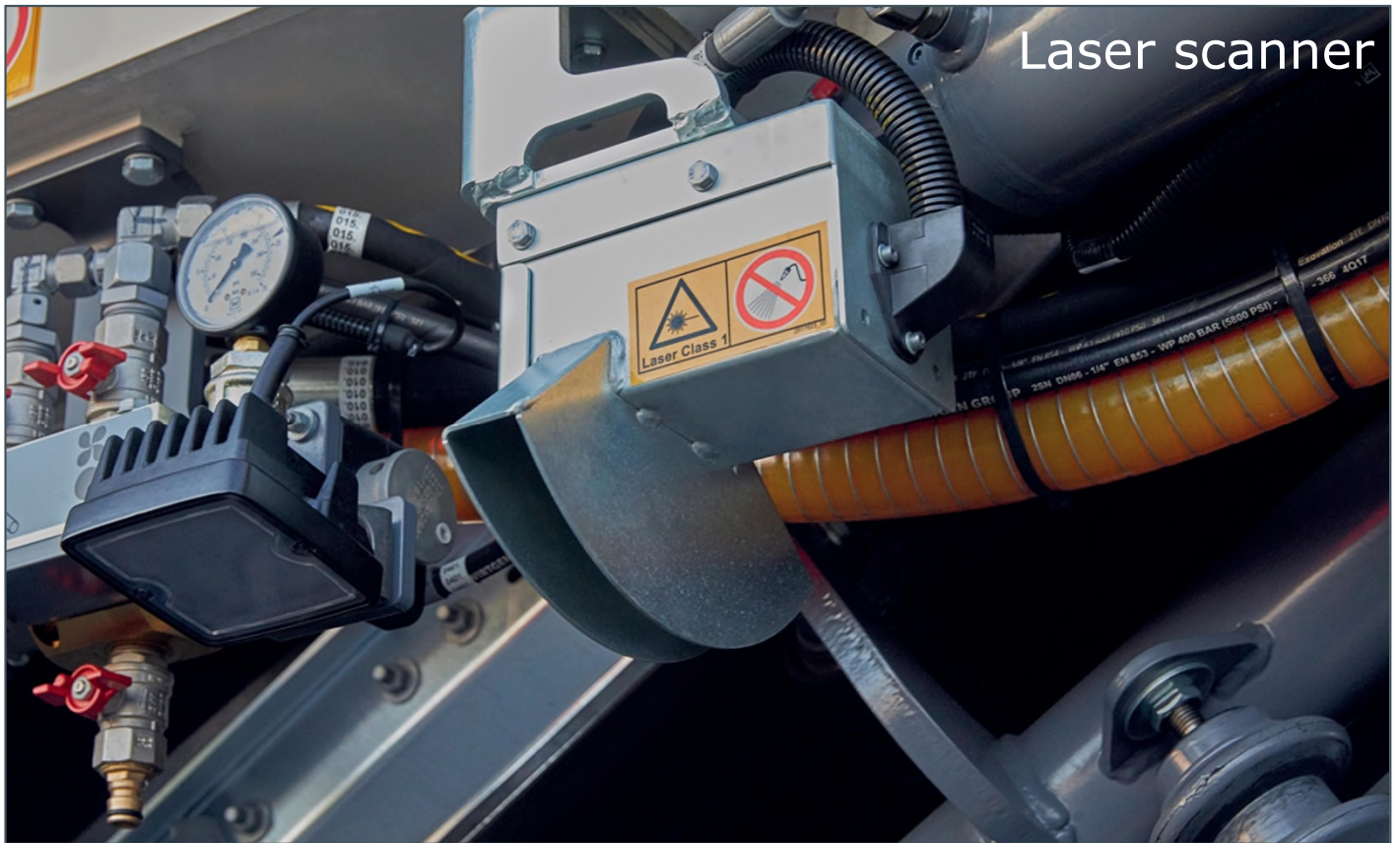
Content

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Presentation of the components



Presentation of the components



Presentation of the components

Telematic control unit



Content

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Menu selection WPT/Menu 6. WPT



Menu selection WPT/Menu 6. WPT

Overview

- Current milling width
- Truck counter
- Current loaded tons

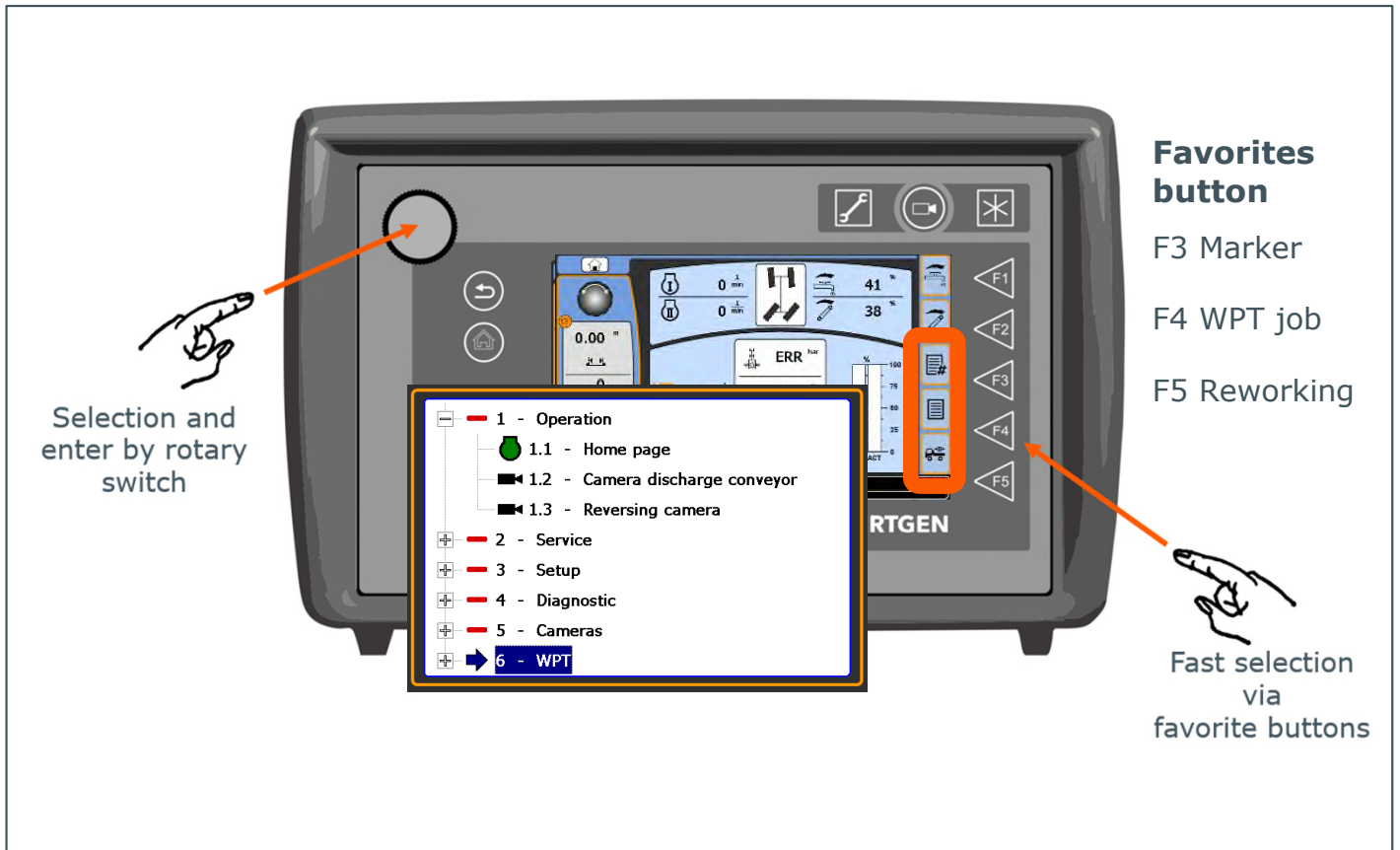


Favorites button

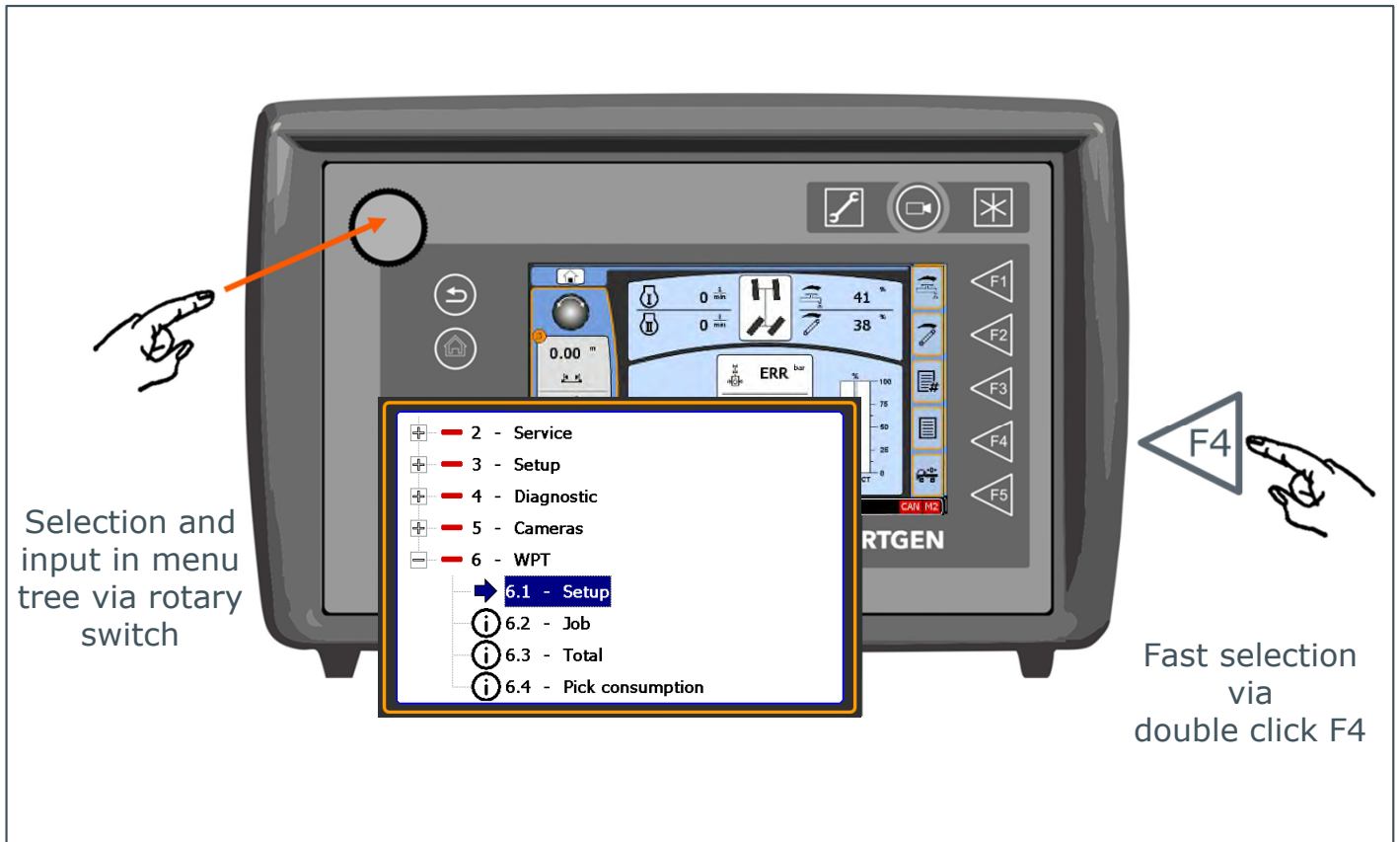
- F3 Job item number
- F4 WPT job
- F5 Reworking

Fast selection by favorite buttons

Menu selection WPT/Menu 6. WPT



Menu selection WPT/6.1 WPT Setup



Setting of job parameters

Menu selection WPT/6.1 WPT Setup/Functions

The screenshot displays the WPT/6.1 Setup/Functions menu. At the top, a red box highlights 'JOB-ID: TEST'. The menu is organized into six numbered sections:

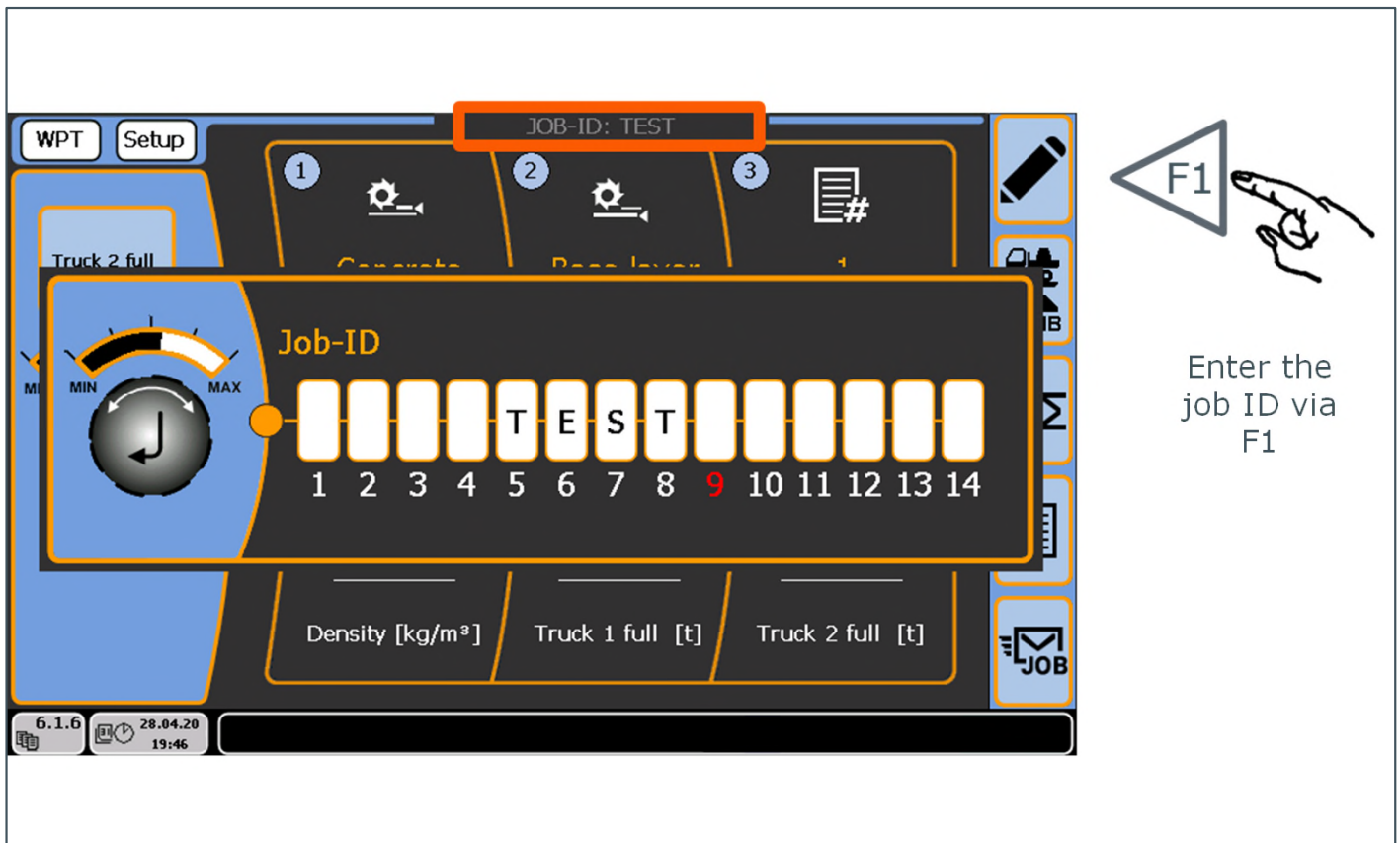
- 1. Concrete (Main application)
- 2. Not selected (Sub base type)
- 3. - (Job item number)
- 4. 2337 (Density [kg/m³])
- 5. 11.0 (Truck 1 full [t])
- 6. 13.0 (Truck 2 full [t])

A hand icon points to an 'F1' key, with the text 'Enter the job ID via F1' below it.

Setting a customer specific order number

- ▶ The job ID can be changed as often as required **until the job is completed**
- ▶ The **last entry** is included in the e-mail and the report

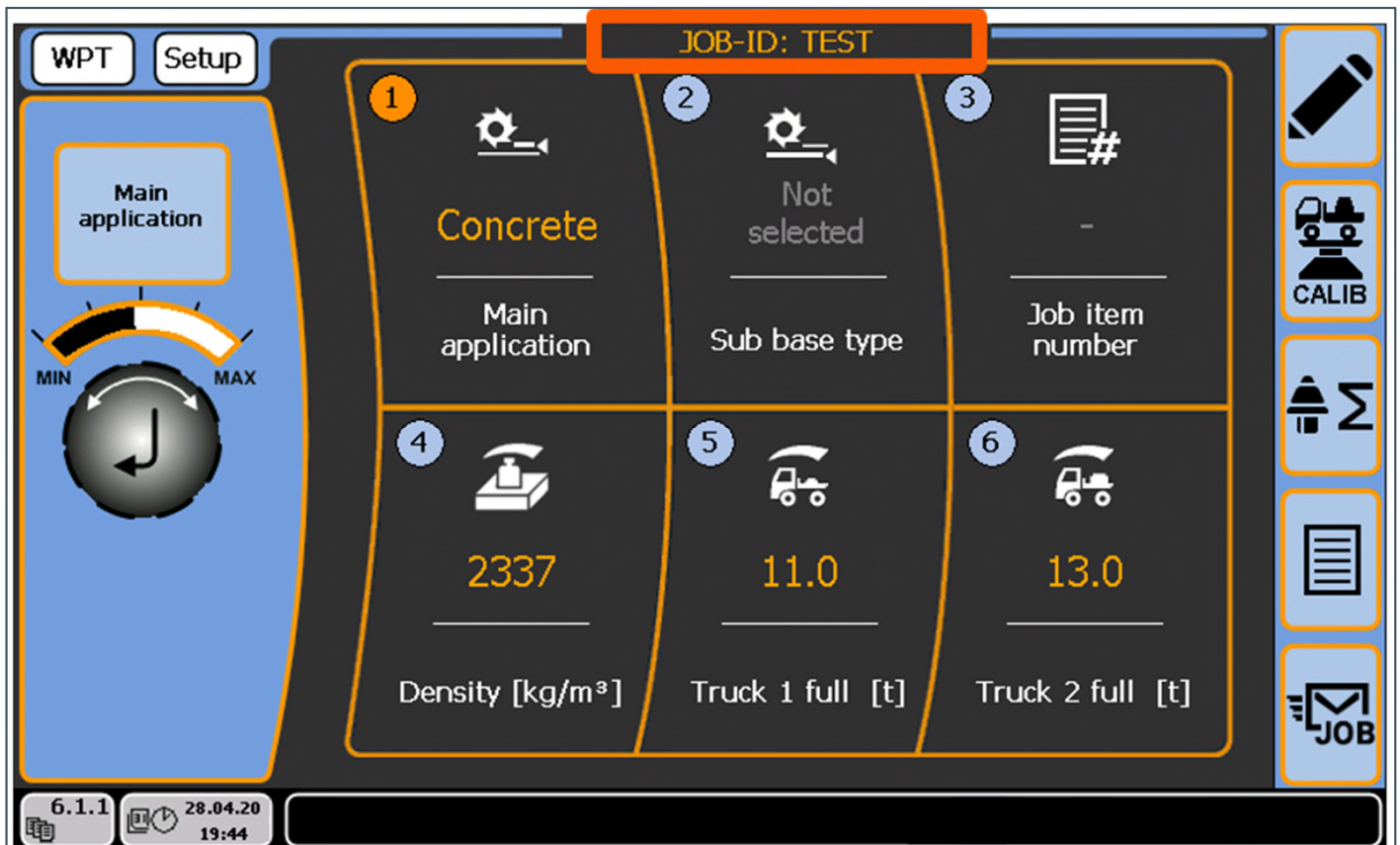
Menu selection WPT/6.1 WPT Setup/Functions



Setting a customer specific order number

- ▶ The job ID can be changed as often as required **until the job is completed**
- ▶ The **last entry** is included in the e-mail and the report

Menu selection WPT/6.1 WPT Setup/Functions



Setting a customer specific order number

- ▶ The job ID can be changed as often as required **until the job is completed**
- ▶ The **last entry** is included in the e-mail and the report

Menu selection WPT/6.1 WPT Setup/Functions

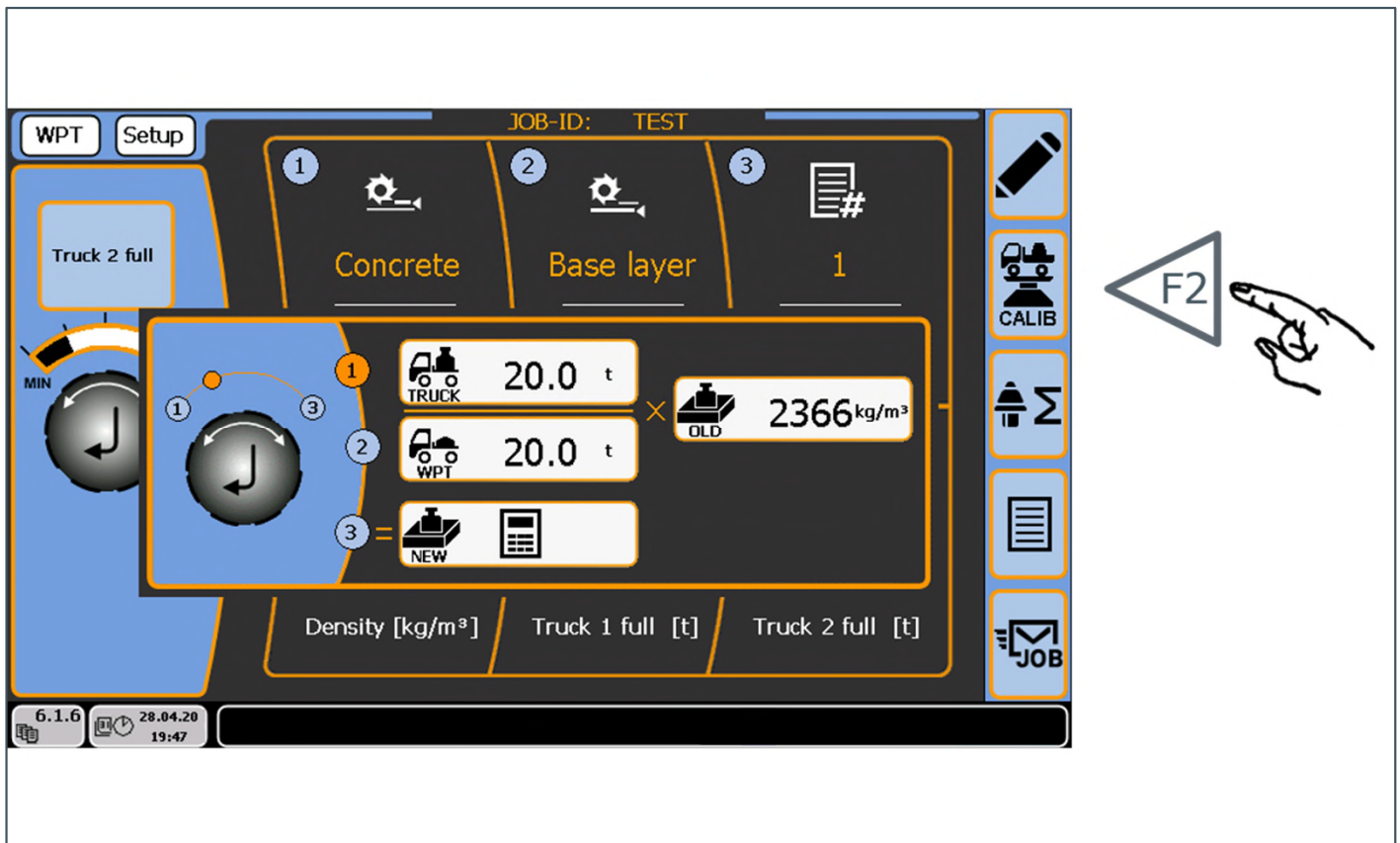


Selection of the density calculator

- ▶ Note down the truck load calculated by WPT-System for a particular (first) truck. This should be done when the machine is doing a full cut.

The actual value of the Level Pro system must be correct so that the correction of the density calculator is not inaccurate.

Menu selection WPT/6.1 WPT Setup/Functions



Selection of the density calculator

- ▶ Note down the truck load calculated by WPT-System for a particular (first) truck. This should be done when the machine is doing a full cut.

The actual value of the Level Pro system must be correct so that the correction of the density calculator is not inaccurate.

Menu selection WPT/6.1 WPT Setup/Functions

Truckload weighed
Adjust the "truckload weighed" to the load value specified by the truck driver

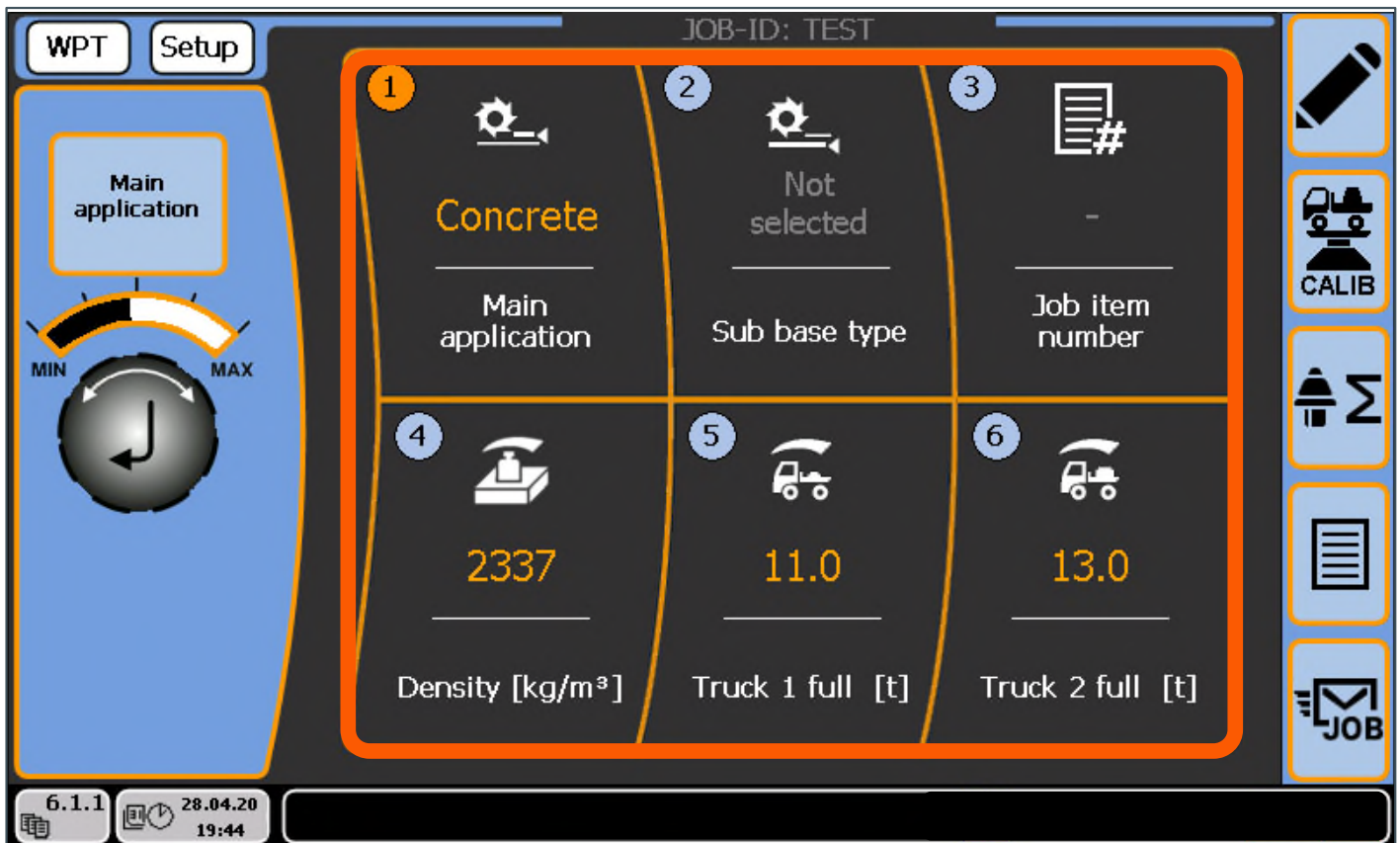
Truckload WPT
Adjust the "truckload WPT" to the load value of the WPT displayed value

Selection of the density calculator

- ▶ Select new to take over the calculated value of the density.

Press the button to take over the calculated value of the density.
The density value is saved with the selected main application.

Menu selection WPT/6.1 WPT Setup/ Parameter 1-6



Parameter overview

No.	Parameter	Unit	Description
1	Main application	-	Type of milling application
2	Sub base type	-	Type of substrate
3	Job item number	No.	Selection of the job item number
4	Density	kg/m ³	Density of the milling material
5	Truck 1 full	t	Threshold 1 maximum truck load
6	Truck 2 full	t	Threshold 2 maximum truck load

Menu selection WPT/6.1 WPT Setup/ Parameter 1+2

Input the milling material and the substrate

Material type for milling material and substrate	
Asphalt	
Surface layer	
Binder course layer	
Binder course and surface layer	
Base layer	
HGT	
Mastic asphalt	
Concrete	
Drain-asphalt	
Loaded material	
Sand	
Gravel	
Fine milling	
Profiling	
Others 1	
Others 2	
Others 3	



Milling sections are specified separately depending on the selected material types for milling material and substrate in the job report

Menu selection WPT/6.1 WPT Setup/ Parameter 3



Selection of the job item number



Allows filtering in the job report for the desired order item numbers

- ▶ Individual possibility of the construction site sections to separate

Menu selection WPT/6.1 WPT Setup/ Parameter 4



Specifying density specific to each material



The operator can change the specific material density. The weight of the material is then determined using the determined volume.

Menu selection WPT/6.1 WPT Setup/ Parameter 5+6+7

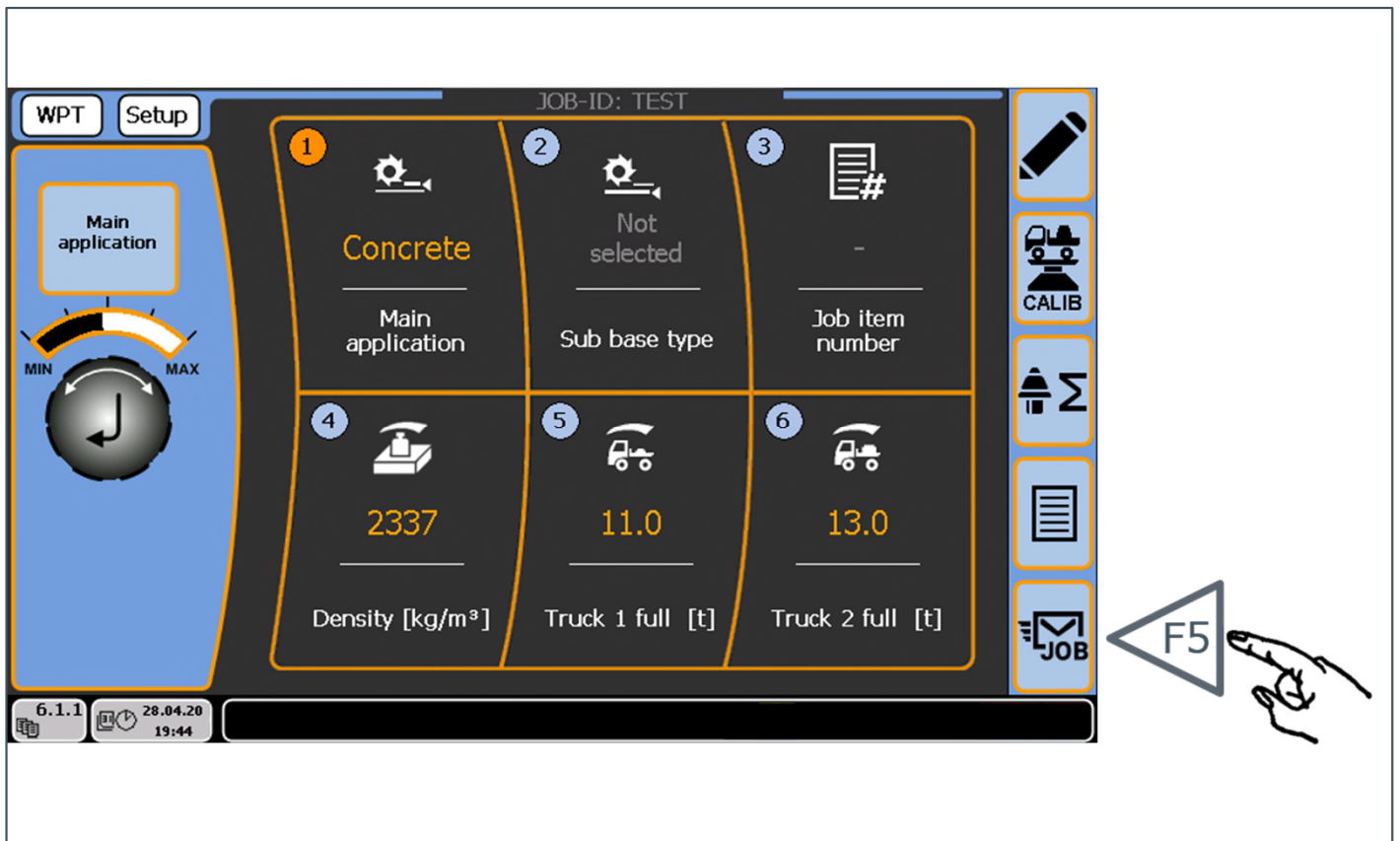


Enter a warning threshold of loaded tons



Here, the operator can set a warning threshold for truck loading. If exceeded, a warning signal sounds

Menu selection WPT/6.1 WPT job/Functions

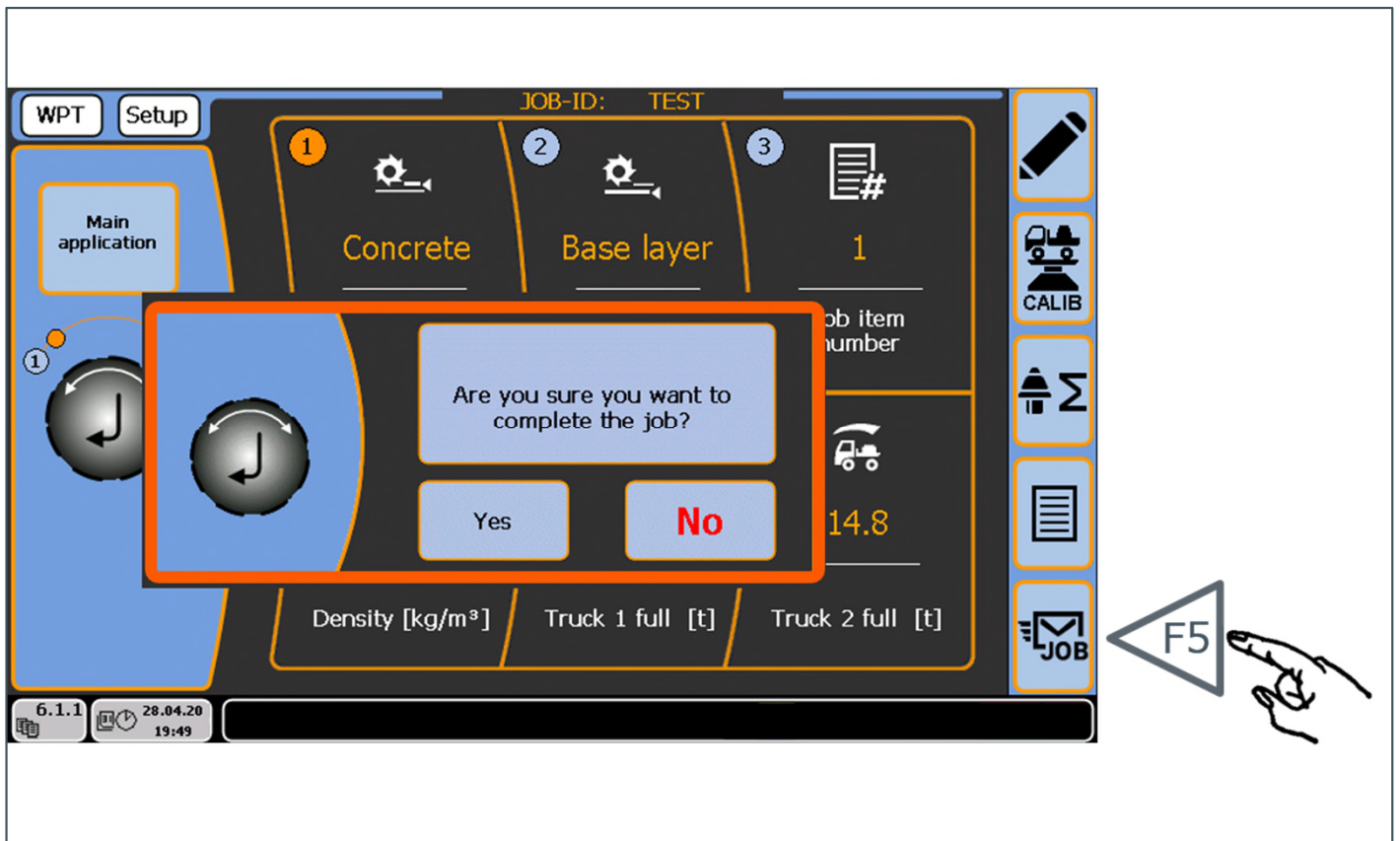


Manual completion and sending of a job

F5 Job - Reset:

- ▣ Completion of the current job by pressing the F5-key
 - Zeroing of all job-specific parameters
 - Start of evaluation and report generation

Menu selection WPT/6.1 WPT job/Functions



Manual completion and sending of a job

F5 Job - Reset:

- ▶ Completion of the current job by pressing the F5-key
 - > Zeroing of all job-specific parameters
 - > Start of evaluation and report generation

Menu selection WPT/6.2 WPT job



Overview of current job data

Menu selection WPT/6.2 WPT job/Features

Info: current menu selection →

Page number →

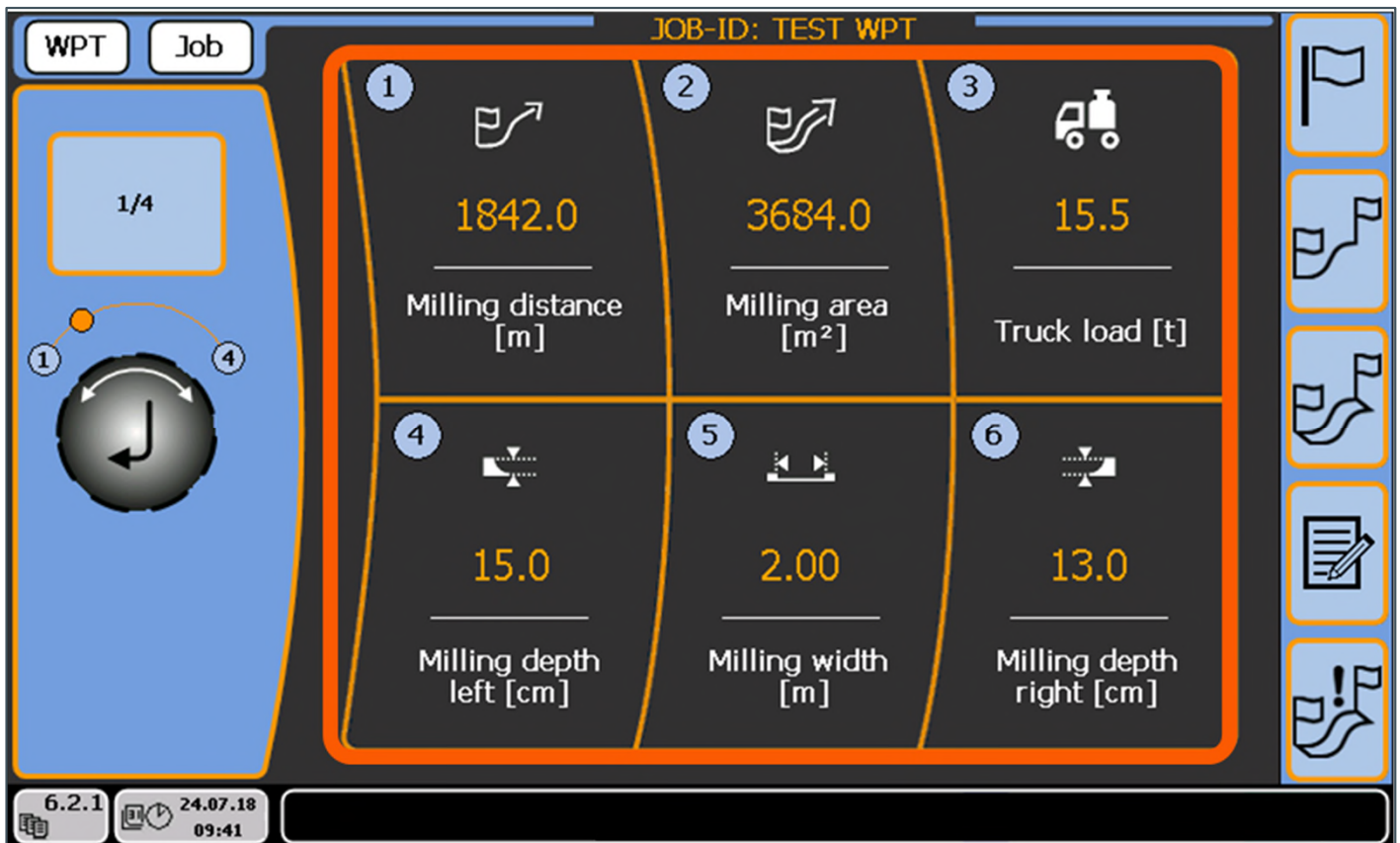
Selection via rotary switch →
- Select by turning

The screenshot displays a control interface for a WPT job. At the top, it shows 'WPT' and 'Job' tabs, and 'JOB-ID: TEST WPT'. The main display is divided into six numbered sections (1-6) showing various metrics: 1. Milling distance [m] (1842.0), 2. Milling area [m²] (3684.0), 3. Truck load [t] (15.5), 4. Milling depth left [cm] (15.0), 5. Milling width [m] (2.00), and 6. Milling depth right [cm] (13.0). A rotary switch on the left is used for navigation, with arrows indicating clockwise and counter-clockwise directions. A status bar at the bottom shows version '6.2.1', date '24.07.18', and time '09:41'. A vertical toolbar on the right contains icons for home, back, forward, print, and help.

Section	Value	Unit
1	1842.0	Milling distance [m]
2	3684.0	Milling area [m ²]
3	15.5	Truck load [t]
4	15.0	Milling depth left [cm]
5	2.00	Milling width [m]
6	13.0	Milling depth right [cm]

Optimized menu navigation

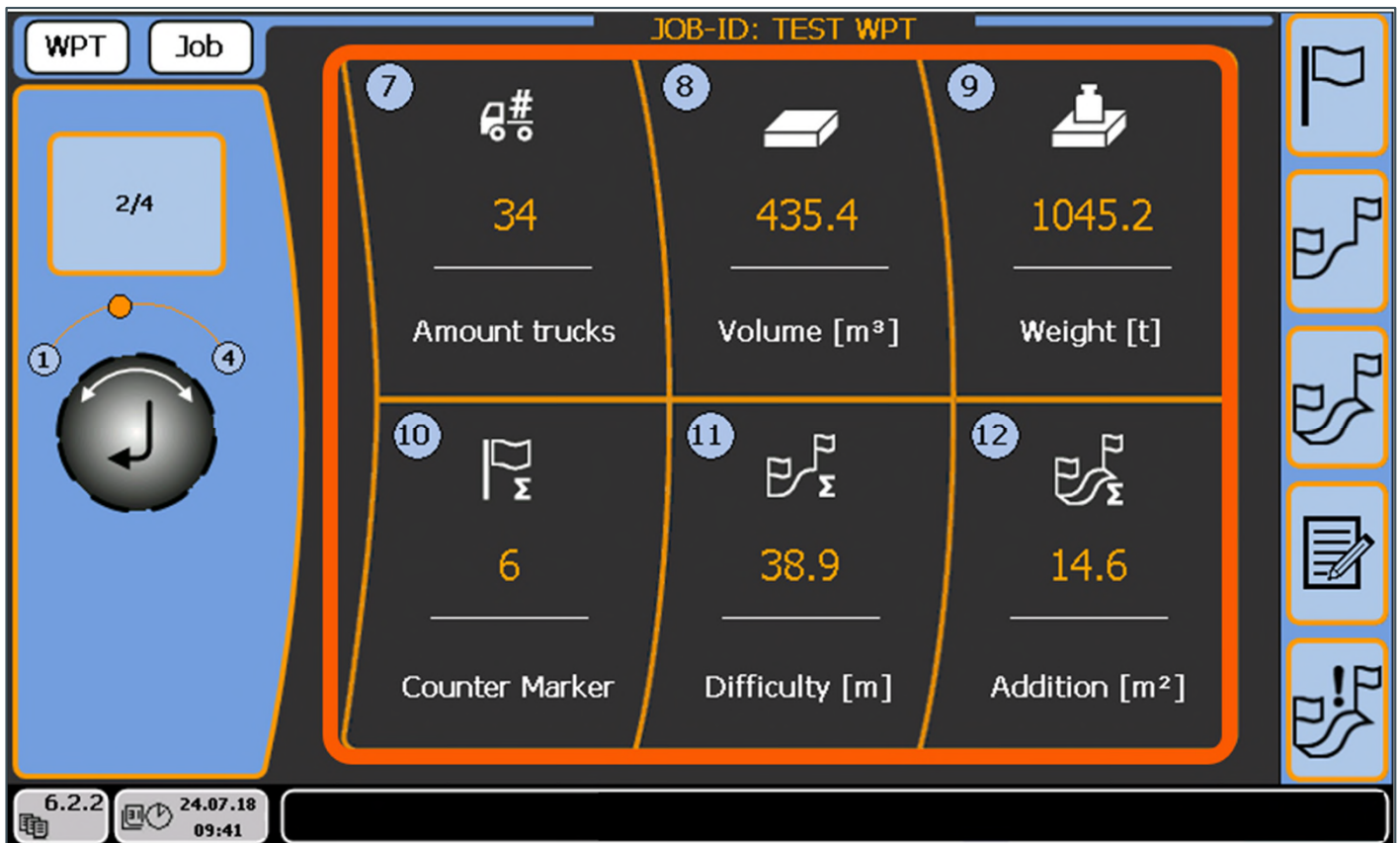
Menu selection WPT/6.2 WPT job/ Parameter 1-6



Parameter overview

No.	Name	Unit	Description
1	Distance	m	Milling distance in current job
2	Area	m ²	Milling area in current job
3	Load trucks	t	Current truck loading
4	Milling depth left	cm	Current milling depth left
5	Milling width	m	Current milling width
6	Milling depth right	cm	Current milling depth right

Menu selection WPT/6.2 WPT job/ Parameter 7-12



Parameter overview

No.	Name	Unit	Description
7	Number of trucks	pcs	Number of trucks in current job
8	Volume	m ³	Milled volume in the current job
9	Weight	t	Milled weight in the current job
10	Counter marker	pcs	Number of set markers
11	Difficulty	m	Marking of special track section
12	Addition	m ²	Marking of additional milled sections

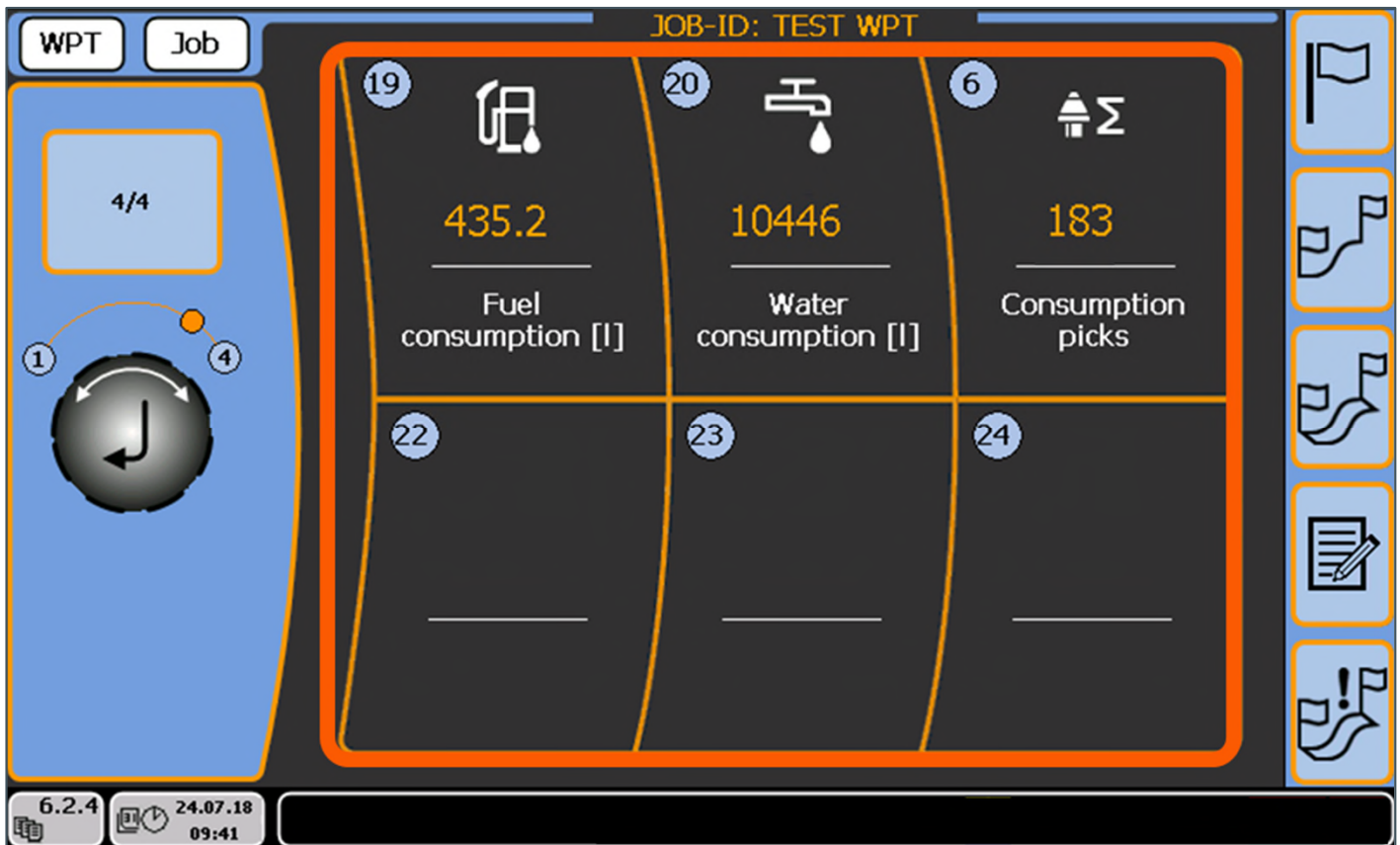
Menu selection WPT/6.2 WPT job/ Parameter 13-18



Parameter overview

No.	Name	Unit	Description
13	Refinish	m ²	Reworking of certain sections in current job
14	Start date	dd:mm:yyyy	Start of date in current job
15	Start time	hh:mm	Start of time in current job
16	Job duration	hh:mm	Duration of current job
17	Milling time	hh:mm	Duration of particular milling time
18	Idle time	hh:mm	Duration of machine downtime (no worktime)

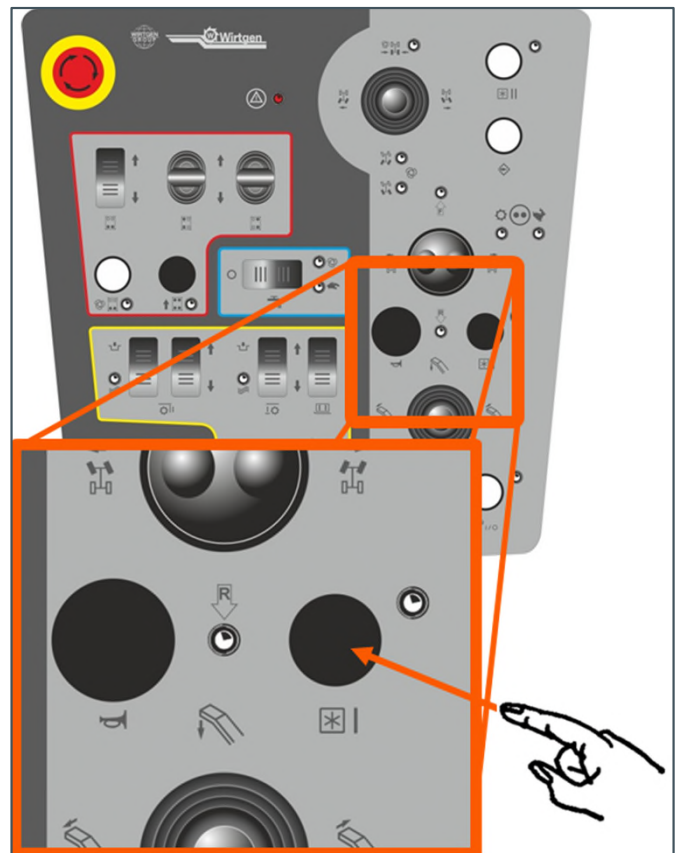
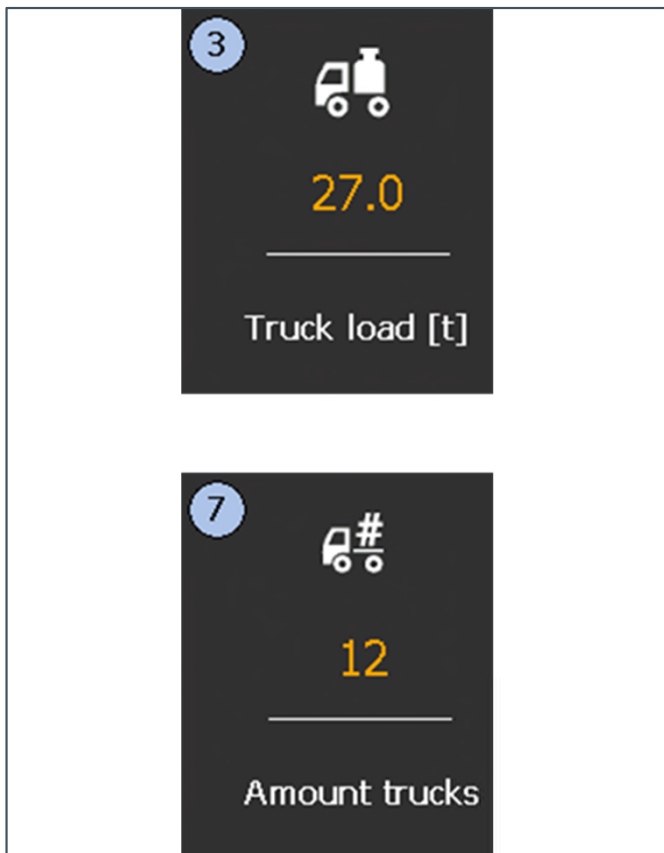
Menu selection WPT/6.2 WPT job/ Parameter 19-24



Parameter overview

No.	Name	Unit	Description
19	Diesel consumption	L	Diesel consumption in the current job
20	Water consumption	L	Water consumption in the current job
21	Pick consumption	pcs	Number of picks consumed
22		-	
23		-	
24		-	

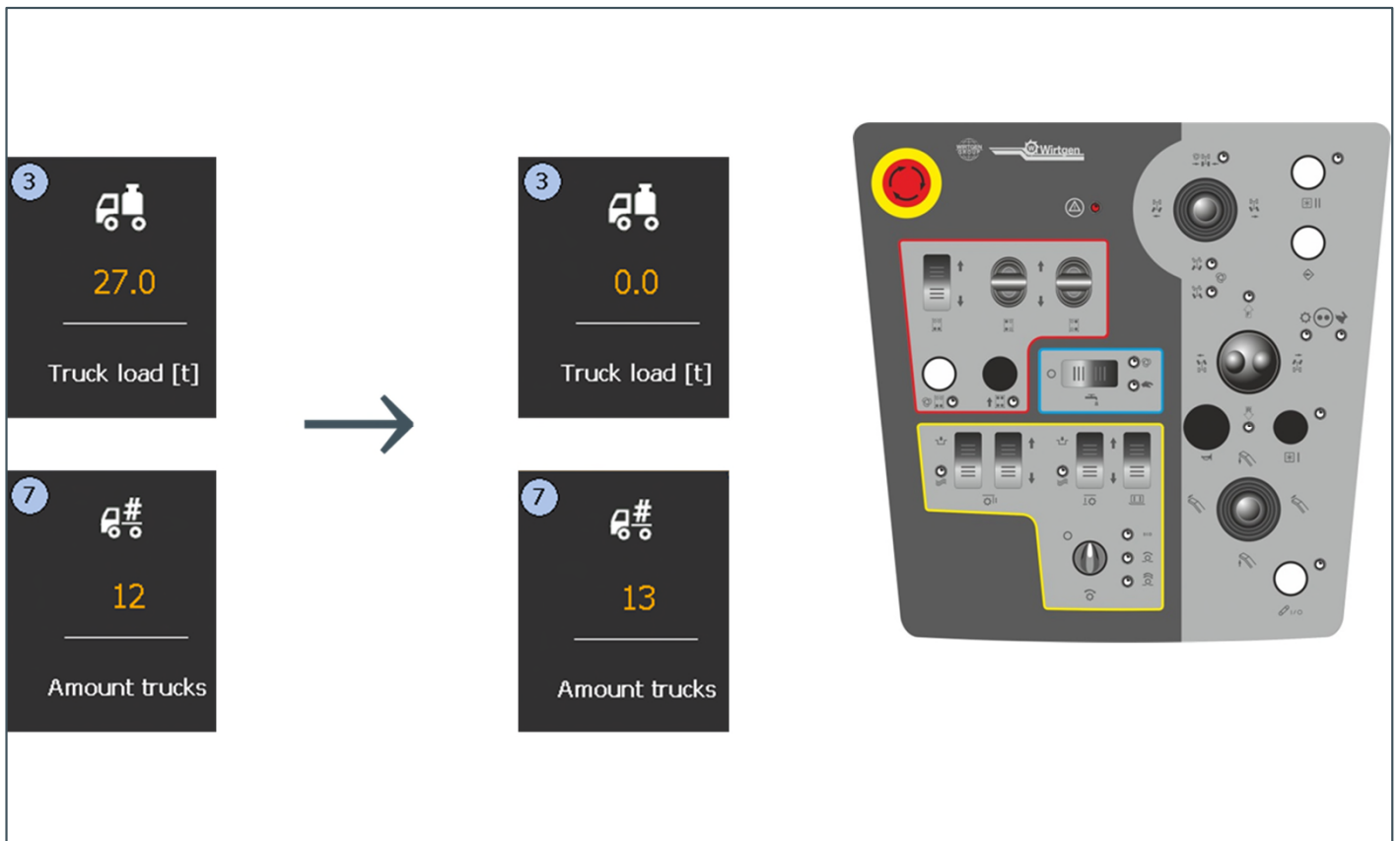
Menu selection WPT/6.2 WPT job/Truck reset



- ▶ Current truck load = 27 t
- ▶ Number of trucks = 6

Press 1..2..3s

Menu selection WPT/6.2 WPT job/Truck reset



- ▶ Current truck load = 0
- ▶ Number of truck = +1

Menu selection WPT/6.2 WPT job/Features



Optimized handling of favorite buttons

F1: Marker

F2: Difficulty

F3: Addition

F4: WPT setup

F5: Rework

Menu selection WPT/6.2 WPT job/Marker



Counter of special features using markers


Peculiarities,
specially pointed out,
are listed separately
in the job report



Marker
inactive



Marker
active (3s)

Menu selection WPT/6.2 WPT job/Marker



Counter of special features using markers

i
Peculiarities,
specially pointed out,
are listed separately
in the job report



Marker
inactive



Marker
active (3s)

Menu selection WPT/6.2 WPT job/Difficulty



Marking of track sections of "Difficulty"



Peculiarities which marked with a difficulty, are listed separately in the job report

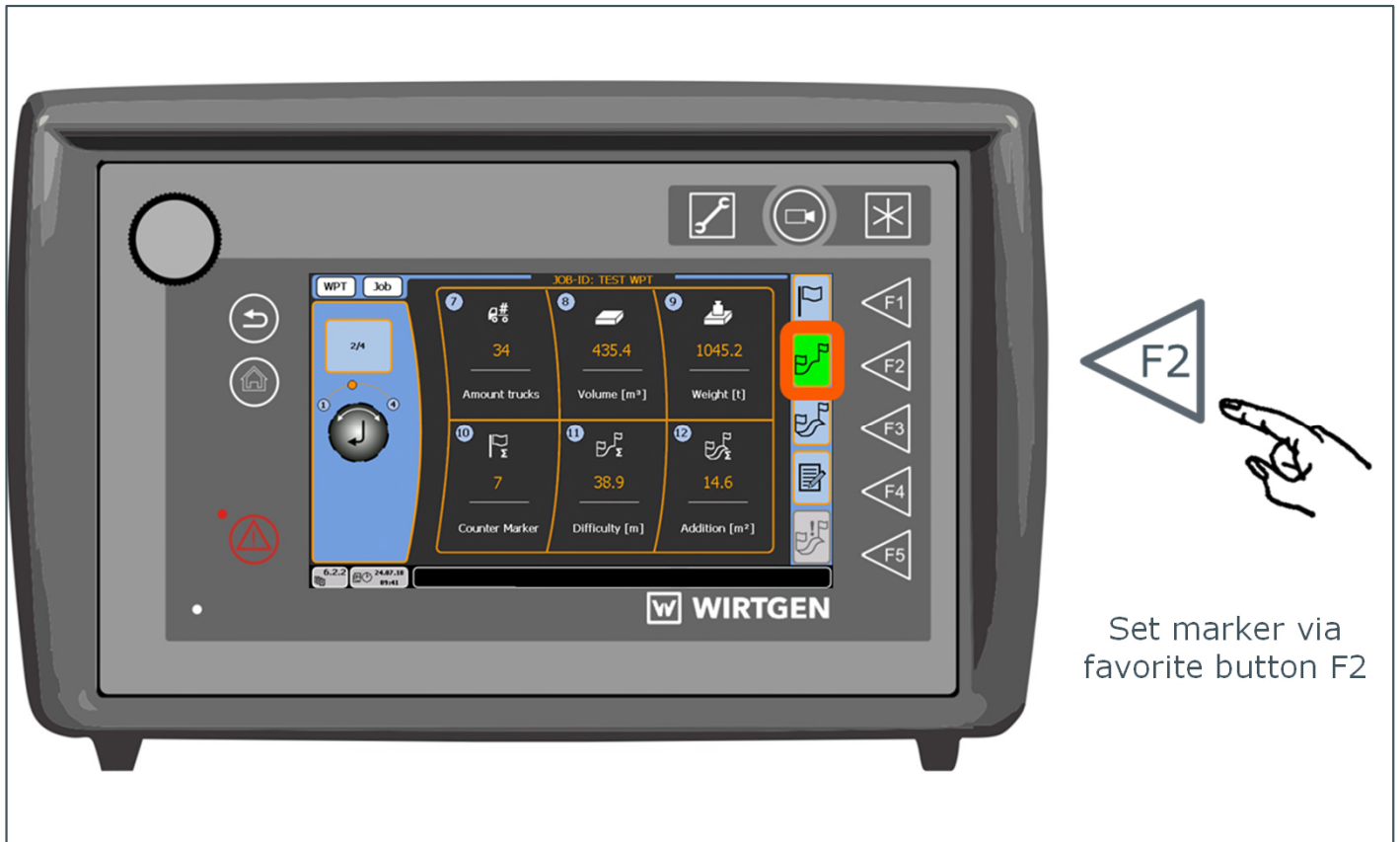


„Difficulty“ inactive



„Difficulty“ active

Menu selection WPT/6.2 WPT job/Difficulty



Marking of track sections of "Difficulty"

i
Peculiarities which marked with a difficulty, are listed separately in the job report



„Difficulty“ inactive




„Difficulty“ active

Menu selection WPT/6.2 WPT job/Addition



Marking of additions


Peculiarities which marked with an addition, are listed separately in the job report



Addition inactive



Addition active

Menu selection WPT/6.2 WPT job/Addition



Marking of additions

i
Peculiarities which marked with an addition, are listed separately in the job report



Addition inactive



Addition active

Menu selection WPT/6.2 WPT job/Refinish



Start and stop additional/unplanned work



Milling sections, marked with "rework" are displayed separately in the job report



Refinish inactive



Refinish active

Menu selection WPT/6.2 WPT job/Refinish



Start and stop additional/unplanned work



Milling sections, marked with "rework" are displayed separately in the job report



Refinish inactive



Refinish active

Menu selection WPT/6.2 WPT job/Job



Fast selection WPT job

i
Fast selection
by
favorite buttons



Job data

Menu selection WPT/6.2 WPT job/Functions

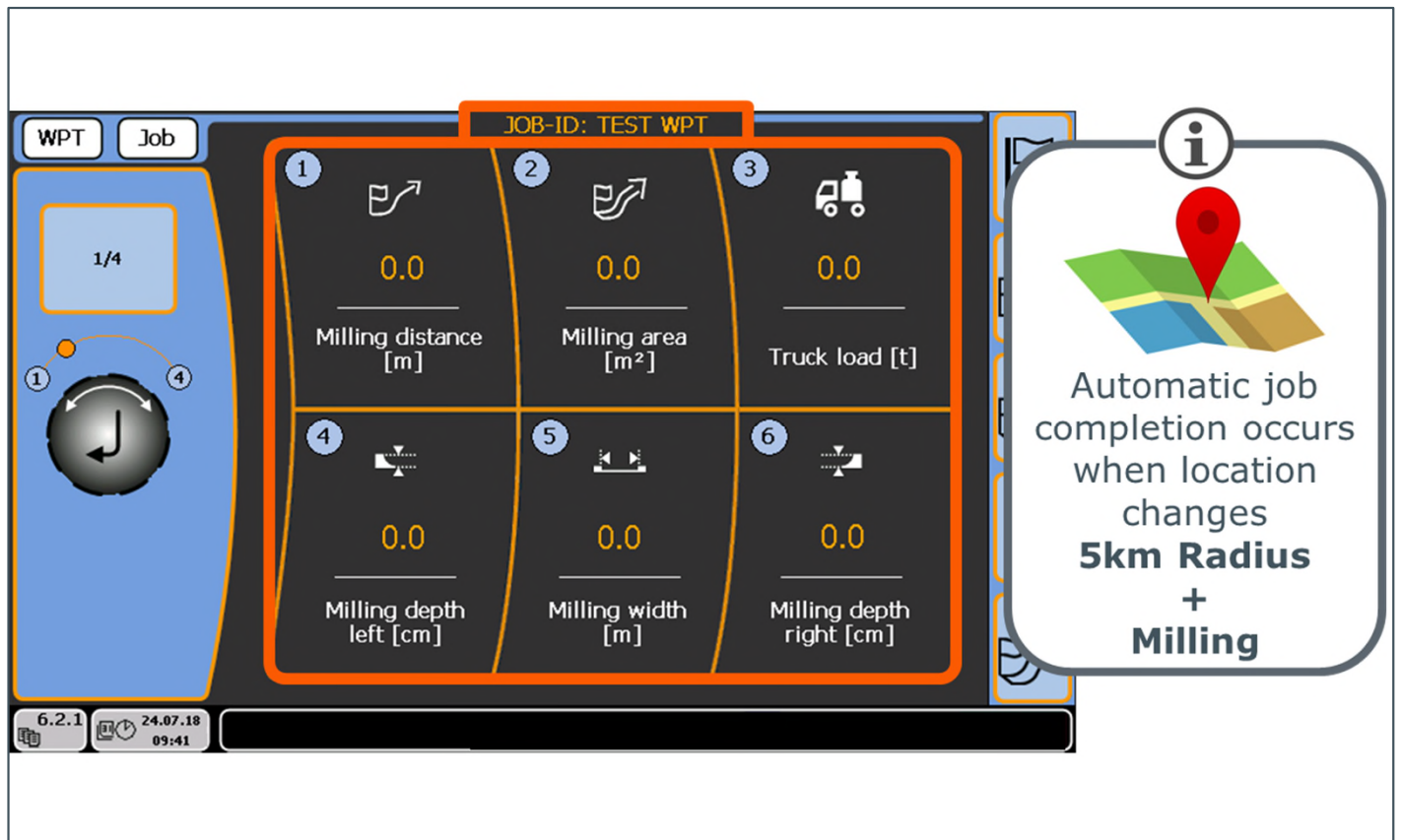


Manual completion and sending of a job

F5 Job - Reset:

- ▣ Completion of the current job by pressing the F5-key
 - Zeroing of all job-specific parameters
 - Start of evaluation and report generation
 - Initialize a new job

Menu selection WPT/6.2 WPT job/ Setup functions

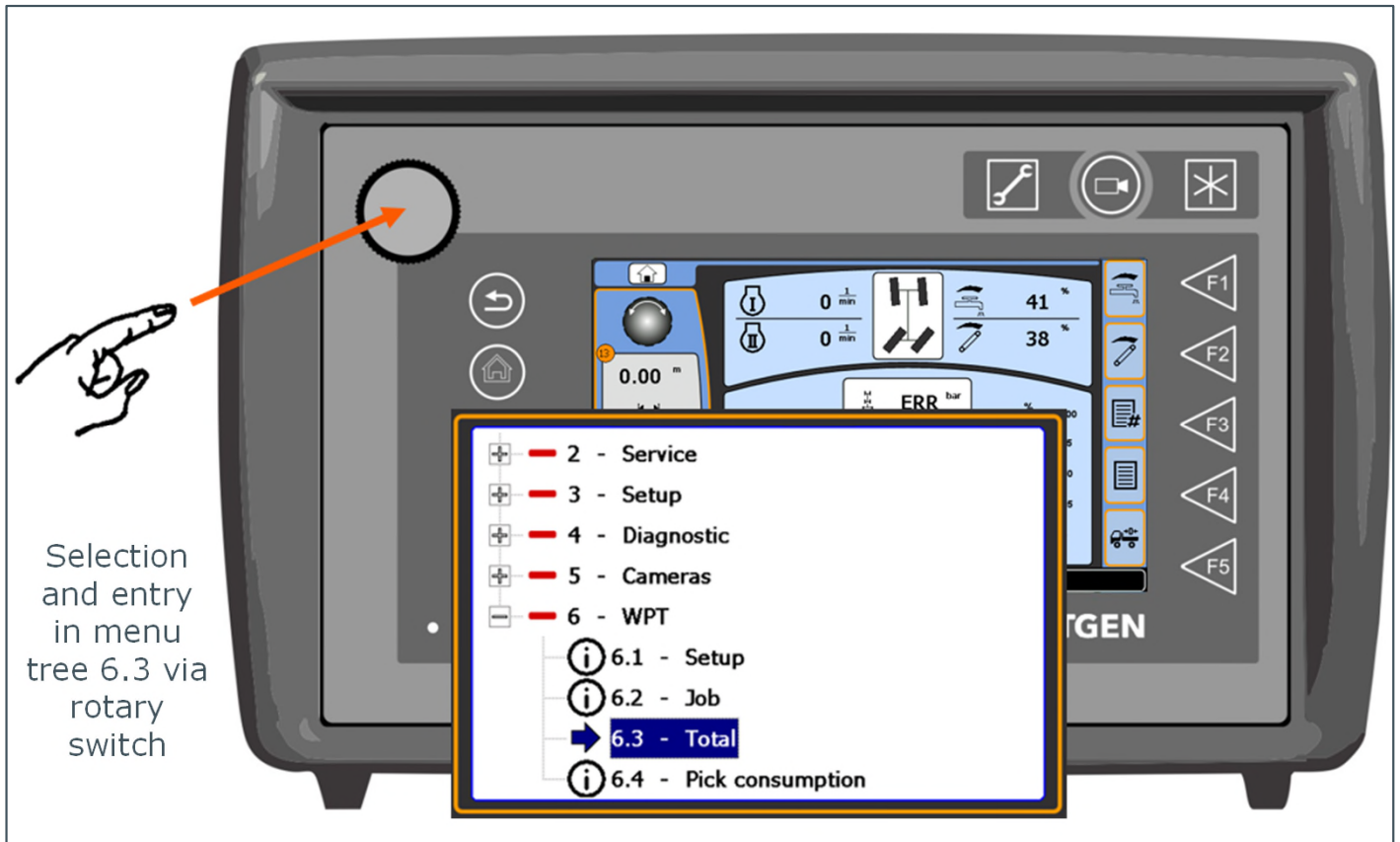


Manual completion and sending of a job

F5 Job - Reset:

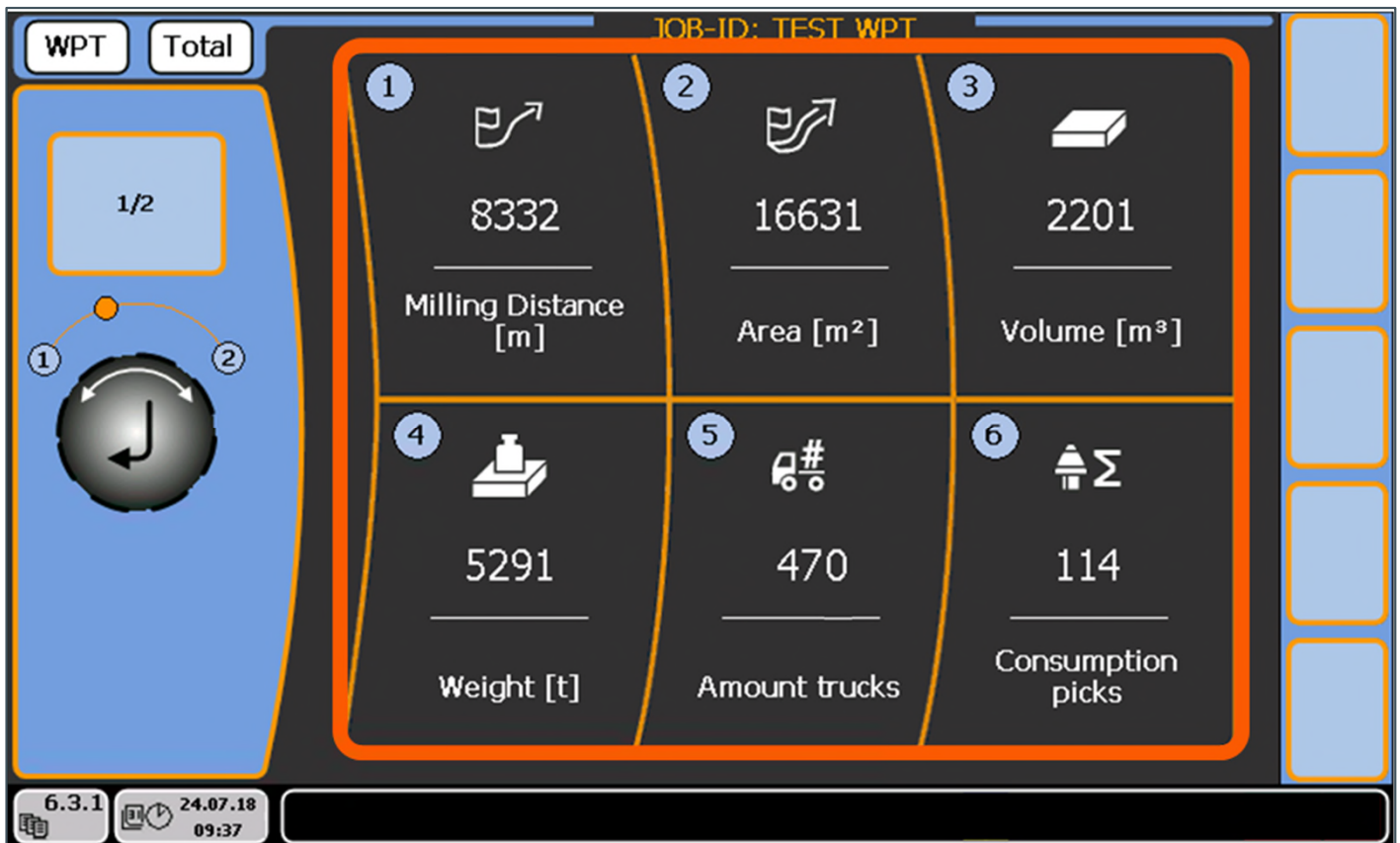
- ▶ Completion of the current job by pressing the F5-key
 - > Zeroing of all job-specific parameters
 - > Start of evaluation and report generation
 - > Initialize a new job

Menu selection WPT/6.3 WPT total



Overview of all job data

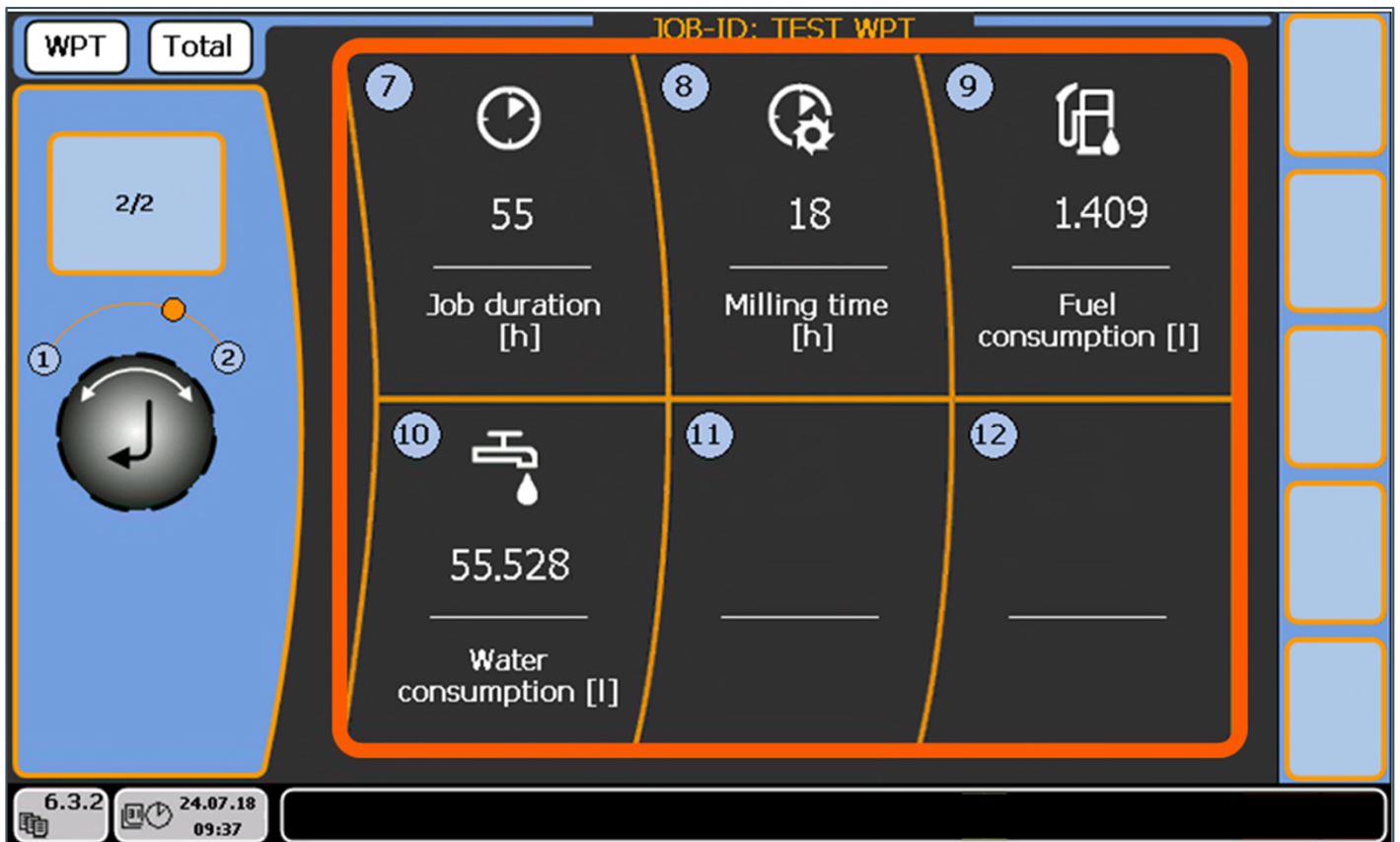
Menu selection WPT/6.3 WPT total/ Parameter 1-6



Parameter overview

No.	Name	Unit	Description
1	Distance	m	Total milling section of all previous jobs
2	Area	m ²	Total milling area of all previous jobs
3	Volume	m ³	Total milling volume of all previous jobs
4	Weight	T	Total weight (milling material) of all previous jobs
5	Number of trucks	pcs	Total number of trucks
6	Pick consumption	pcs	Total consumption picks

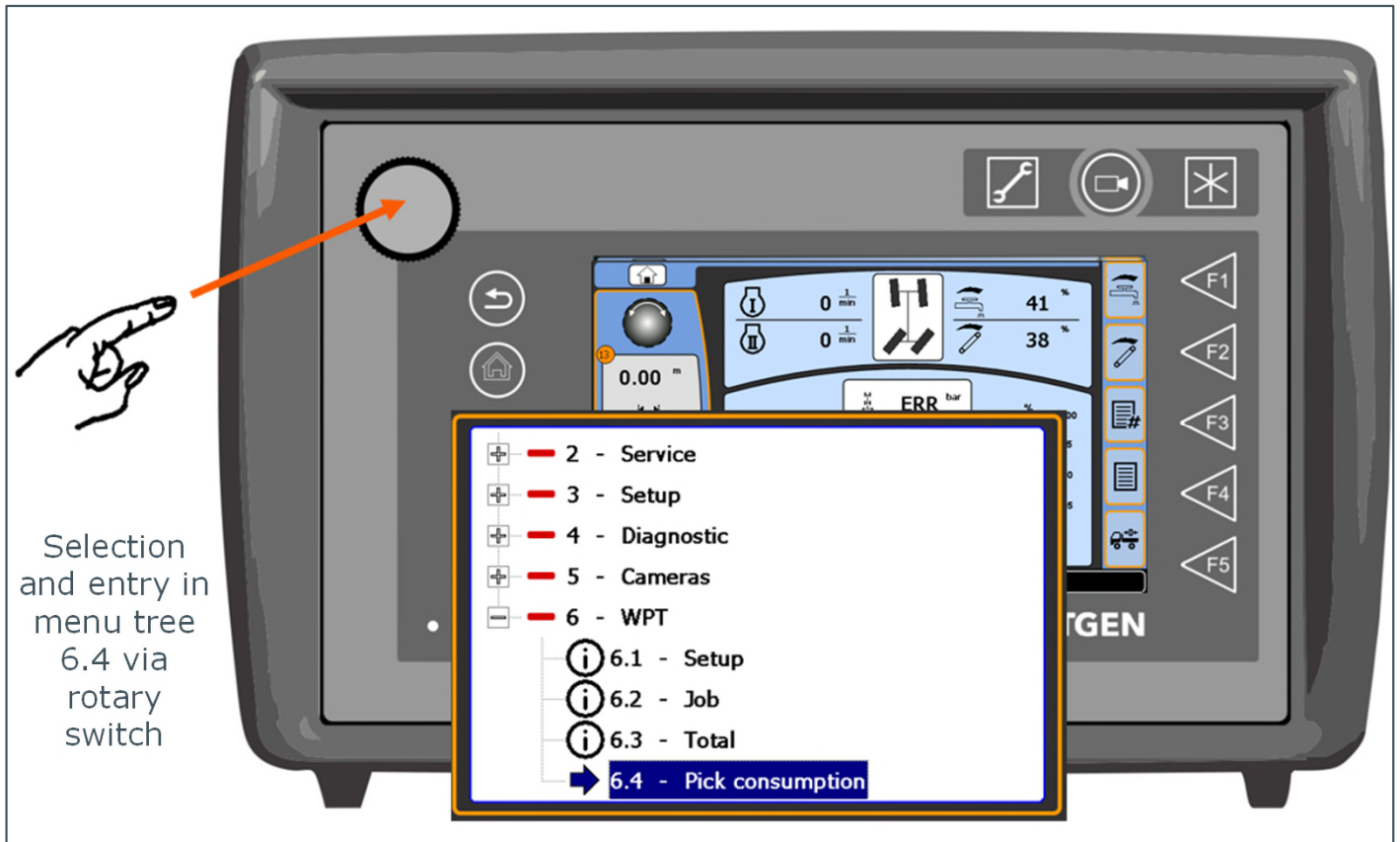
Menu selection WPT/6.3 WPT total/ Parameter 7-12



Parameter overview

No.	Name	Unit	Description
7	Job duration	h	Total duration of all jobs
8	Milling time	h	Total milling time of all jobs
9	Diesel consumption	L	Total consumption diesel
10	Water consumption	L	Total consumption water
11	-	-	-
12	-	-	-

Menu selection WPT/6.4 Pick consumption



Entry of changed picks





Menu selection WPT/6.4 Pick consumption/ Menu input



All the picks entered are indicated later in the job report

Menu selection WPT/6.4 Pick consumption/ Menu input

PICK		DATA		Enter data and confirm by F1 !	
	Number of picks:	50	50	100	150
	Type of picks:	W4		200	Entry
	Type of milling drum:	LA25			

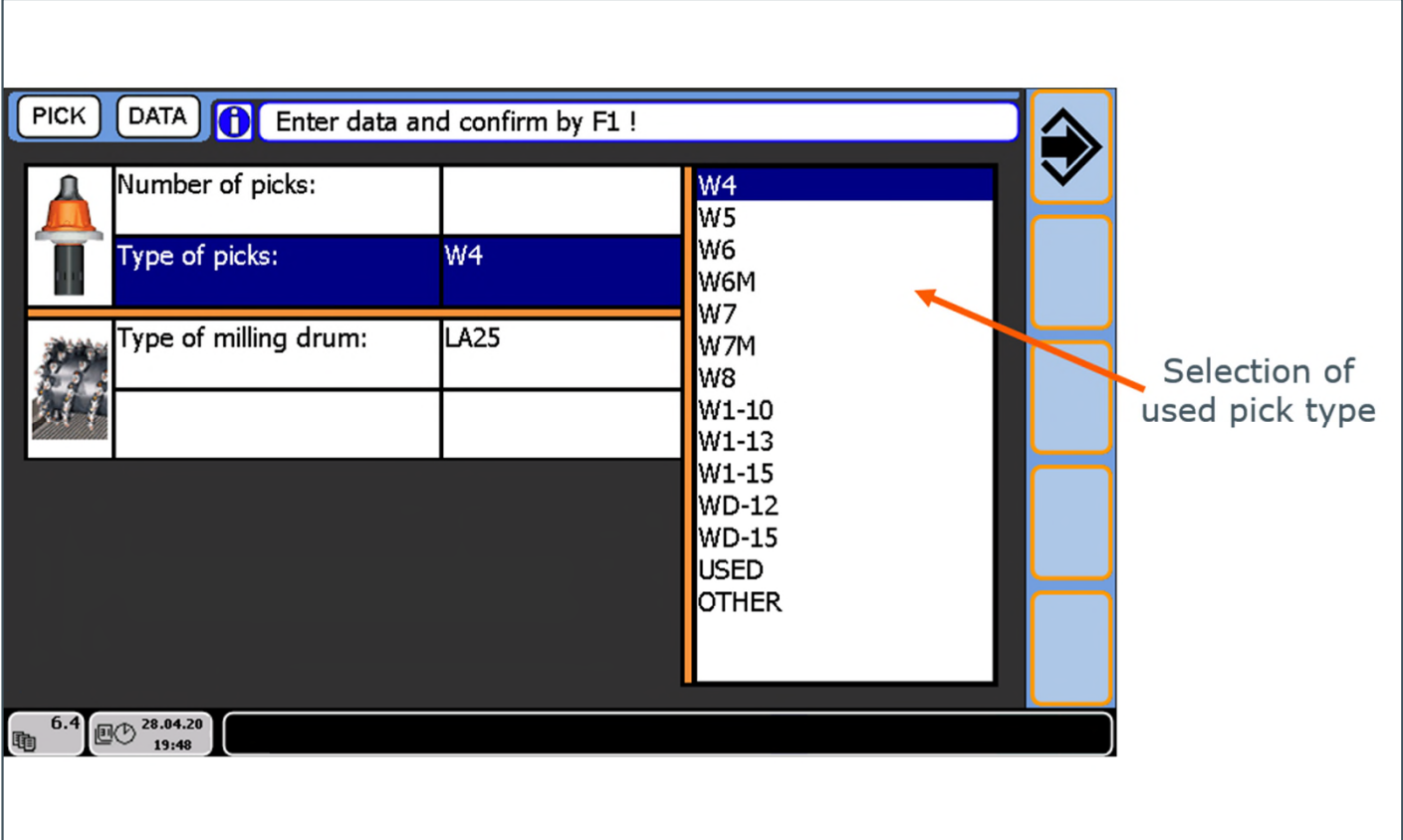
Pre-selection via „Drop-Down“

Fine adjustment via rotary switch



6.4 28.04.20 19:48

Entry of number of changed picks

Menu selection WPT/6.4 Pick consumption/ Menu input



The screenshot displays the 'PICK' menu with the following data entry fields:

	Number of picks:	
	Type of picks:	W4
	Type of milling drum:	LA25

The pick type selection list on the right includes:

- W4 (Selected)
- W5
- W6
- W6M
- W7
- W7M
- W8
- W1-10
- W1-13
- W1-15
- WD-12
- WD-15
- USED
- OTHER



An orange arrow points to the 'W4' selection in the list, with the text 'Selection of used pick type' next to it.

The bottom status bar shows: 6.4, 28.04.20, 19:48.

Entry of pick type of choice

Menu selection WPT/6.4 Pick consumption/ Menu input

PICK DATA Enter data and confirm by F1 !

	Number of picks:		LA6x2
	Type of picks:	W4	LA8
	Type of milling drum:	LA6x2	LA12
			LA15
			LA18
			LA25
			Other *
			Other *
			Other *

Selection of milling drum type

6.4 28.04.20 19:48

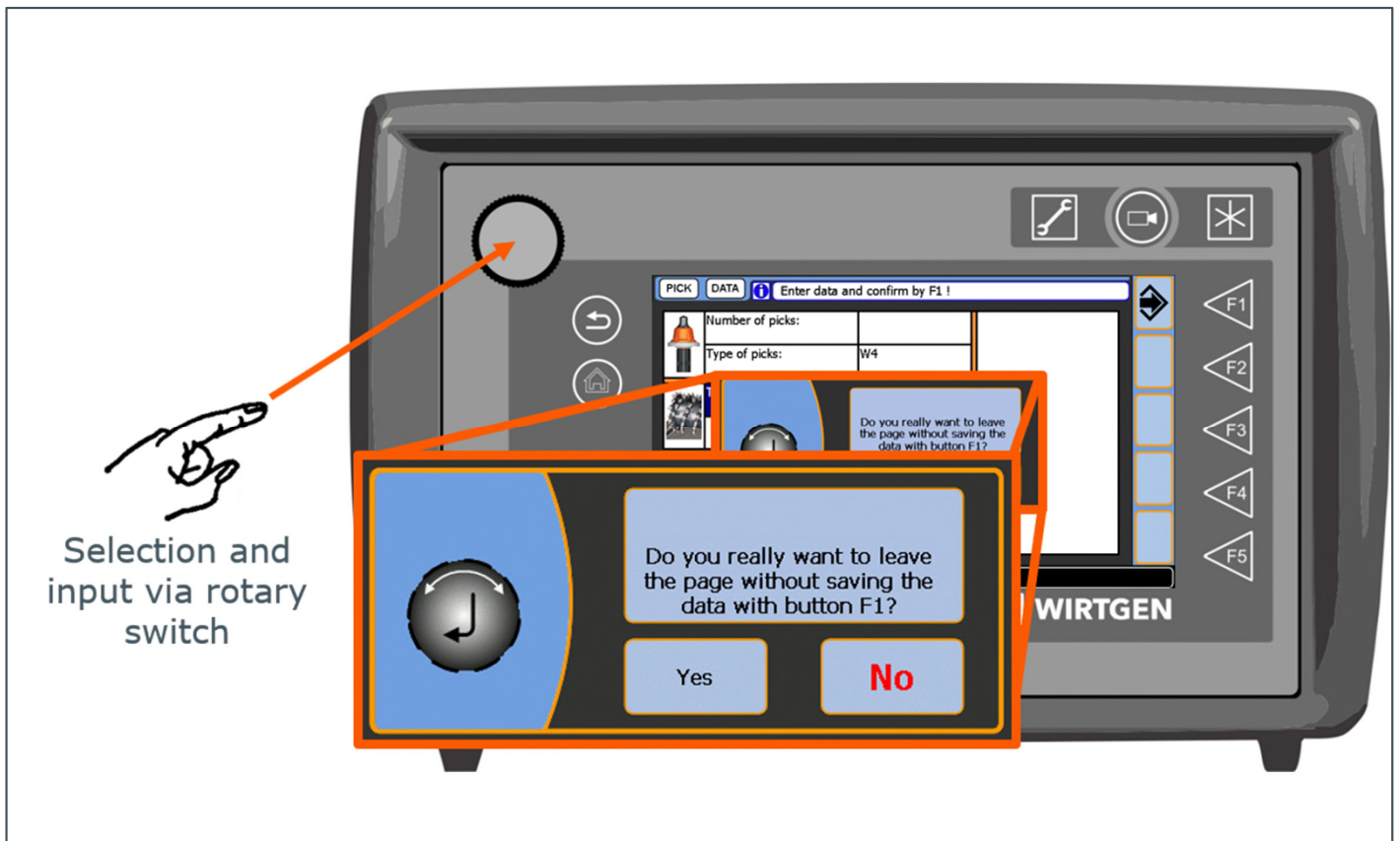
Entry of milling drum type of choice

Menu selection WPT/6.4 Pick consumption/ Menu input



Confirmation and saving of selected pick parameters

Menu selection WPT/6.4 Pick consumption/ Menu input



A finish without saving must be confirmed separately

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WPT job report/E-Mail, layout and functions

Mo 08.07.2019 14:17
wpt@wirtgen.de
job report TB_Testmaschine 2019-07-30T09:52:44 Maxstraße 1, Windhagen

An Walterscheid Bernd

Zur Nachverfolgung. Erledigt am Dienstag, 9. Juli 2019.
Sie haben diese Nachricht am 08.07.2019 14:18 weitergeleitet.

jobReportExcel_11220002_2019-07-08_08_29_EN_METRIC_H24.xlsxm
1 MB

jobReport_en_METRIC_H24.zip
1 MB

Name

jobReportPdf_Area_W210_2017-06-09_08_01_EN_IMPERIAL_H12.pdf
jobReportPdf_Duration_W210_2017-06-09_08_01_EN_IMPERIAL_H12.pdf

jobReportPdf_Durat... jobReportPdf_Area jobReportExcel

Summary duration Summary area Detailed report

- Machine name, date, construction site start time, location and order number are displayed in the email title
- In addition to the detailed Excel job report, the email also contains a ZIP file with two PDF files, that contains a summary of area and time results

WPT job report/PDF, layout and functions

jobReportPdf_Flaeche

WIRTGEN A WIRTGEN GROUP COMPANY

Wirtgen
Wirtgen Performance Tracker Bericht
 L1075, 07639, Bad Klosterlausnitz, Thüringen, 08.04.2019

Allgemein

Auftragsnummer: Job-1

Gesamtübersicht Fräseleistung

Gesamtfläche [m²]:	3033,9	Gesamtvolumen [m³]:	367,9
Frässtrecke [m]:	2383,5	Gesamtgewicht [t]:	882,9
Ø Frästiefe [cm]:	12,1	Ø Materialdichte [kg/m³]:	2400
Ø Fräsbreite [m]:	1,27		

jobReportPdf_Dauer

WIRTGEN A WIRTGEN GROUP COMPANY

Wirtgen
Wirtgen Performance Tracker Bericht
 L1075, 07639, Bad Klosterlausnitz, Thüringen, 08.04.2019

Allgemein

Baustellenbeginn: 08.04.2019 09:51
 Baustellenende: 08.04.2019 19:33
 Auftragsnummer: Job-1
 Zeitzone: GMT+02:00

Gesamtübersicht Fräseleistung

Baustellendauer [h:m]: 9:41 Betriebsstunden [h]: 815

- ▶ The two pdf-files contain a **summary** of the **job milling area** and **time duration** results

WPT Job report/PDF, layout and functions/ Excel, layout and function



Wirtgen Performance Tracker Report
L1075, 07639, Bad Klosterlausnitz, Thüringen, 04/08/2019

General

job begin: 04/08/2019 8:51 AM
job end: 04/08/2019 7:53 PM
order no.: Job-1
file name: GRT-02-00

overview milling performance

total area [m²]	3003,9	total volume [m³]	267,9
of which recourses [D]	5,2	total tonnage [t]	692,9
milling distance [km]	2383,5	of which not loaded [t]	0
Ø milling depth [cm]	12,1	Ø material density [kg/m³]	2400
Ø milling width [m]	1,27	load of truck:	41
job duration [h:m]	9:41	milling duration [h:m]	4:44
idleness [h:m]	1:02	correct operating time [h:m]	8:00
		angle operating time [h:m]	8:20
run marker:	4	difficulties [m]	42,1
addition [m²]	56,1	refinish [m²]	306,6



Wirtgen Performance Tracker Report
L1075, 07639, Bad Klosterlausnitz, Thüringen, 04/08/2019


milling depths area 1



cuts area 1






Wirtgen Performance Tracker Report
L1075, 07639, Bad Klosterlausnitz, Thüringen, 04/08/2019

overview site logistics

#	tonnage [t]	main application	job-time
1	23,8	Asphalt	Surface layer
2	23,8	Asphalt	Surface layer
3	23,8	Asphalt	Surface layer
4	23,8	Asphalt	Surface layer
5	23,8	Asphalt	Surface layer
6	23,8	Asphalt	Surface layer
7	19,2	Asphalt	Surface layer
8	19,2	Asphalt	Surface layer
9	31,8	Asphalt	Surface layer
10	23,8	Asphalt	Surface layer
Site: 04910219 418711 - Duration: 0:37 [h:m]			
11	23,8	Asphalt	Surface layer
12	23,8	Asphalt	Surface layer
13	23,8	Asphalt	Surface layer
14	19,2	Asphalt	Surface layer
15	19,2	Asphalt	Surface layer
16	23,8	Asphalt	Surface layer
17	23,8	Asphalt	Surface layer
18	23,8	Asphalt	Surface layer
19	23,8	Asphalt	Surface layer
20	19,2	Asphalt	Surface layer
Site: 04910219 418711 - Duration: 0:37 [h:m]			
21	24,8	Asphalt	Surface layer
22	23,8	Asphalt	Surface layer
23	19,2	Asphalt	Surface layer
24	19,2	Asphalt	Surface layer
25	19,2	Asphalt	Surface layer
26	19,2	Asphalt	Surface layer
27	19,2	Asphalt	Surface layer
28	23,8	Asphalt	Surface layer
29	23,8	Asphalt	Surface layer
30	23,8	Asphalt	Surface layer
Site: 04910219 418711 - Duration: 0:37 [h:m]			
31	3,8	Asphalt	Surface layer
32	3,8	Asphalt	Surface layer
33	23,8	Asphalt	Surface layer
34	23,8	Asphalt	Surface layer
35	23,8	Asphalt	Surface layer



Wirtgen Performance Tracker Report
L1075, 07639, Bad Klosterlausnitz, Thüringen, 04/08/2019

overview order items

actions item	depth [cm]	area [m²]	area [m]	main application	job-time	material	width	milling depth [cm]	milling distance [km]	milling area [m²]	milling volume [m³]	tonnage [t]
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Wirtgen Performance Tracker Report
L1075, 07639, Bad Klosterlausnitz, Thüringen, 04/08/2019

area 1

area	begin	end	depth [cm]	width [m]	milling geometry	tonnage [t]	area [m²]	width [m]	sub-base	milling volume [m³]	material
04910219 01-01-01	01-01-01	01-01-01	0,0	0,0							
04910219 01-01-02	01-01-02	01-01-02	34,8	34,8	13,0-14,4	2,00	60	1,4	22,8 vsm	Asphalt	Surface layer
04910219 01-01-03	01-01-03	01-01-03	0,0	0,0							
04910219 01-01-04	01-01-04	01-01-04	3,3	3,3	13,0-13,4	2,00	7	0,8	1,0 vsm	Asphalt	Surface layer
04910219 01-01-05	01-01-05	01-01-05	4,0	3,3	13,0-14,4	2,00	9	0,3	0,0 vsm	Asphalt	Surface layer
04910219 01-01-06	01-01-06	01-01-06	0,0	0,0							
04910219 01-01-07	01-01-07	01-01-07	40,0	40,0	13,0-14,4	2,00	91	11,0	27,0 vsm	Asphalt	Surface layer
04910219 01-01-08	01-01-08	01-01-08	0,0	0,0							

➤ In addition to the PDF files, the e-mail contains a detailed **Excel Job-Report**



Content

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Fault messages/WPT error messages



Display of warnings and error messages

Fault messages/WPT error messages



Receipt of warnings and error messages

Fault messages/WPT error messages

Failure No.	Possible warnings and error messages	Activities
621	WPT: Error laser scanner left WPT: Error laser scanner right	WPT is inaccurate! Hand measurement required! Restart, switch ignition off / on Check the LED status on the laser scanner and switch For further diagnosis, see manual instruction Wirtgen Service!
	WPT: GPS sensor error	WPT is inaccurate! Hand measurement required! Restart, switch ignition off / on Check the LED status on the GPS sensor For further diagnosis, see manual instruction Wirtgen Service!
913	WPT: Laser scanner left is contaminated WPT: Laser scanner right is contaminated	WPT will be inaccurate! Clean at the next stop! (truck change)
	WPT: Overall system fault	WPT out of order! Hand measurement required! Switch off ignition for 2 minutes (restart) Check LED status of telematics and switch For further diagnosis, see manual instruction Wirtgen Service!
914	WPT: Automatic job completion failure	No GPS position available! The job cannot be ended automatically! Finish job manually if necessary!

Fault messages/WPT error messages/ GPS sensor error



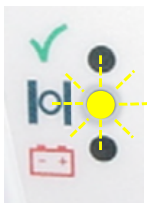
Smart 6 GNSS Receiver



Smart 2 GNSS Receiver



The red LED lights up
The power supply is switched on



The yellow LED lights up
The GNSS receiver is looking for available satellites to determine its position.
➤ Check that there is a sufficient line of sight to the sky without obstruction by buildings, trees or canopies.

The yellow LED lights up
The satellite reception is sufficient.



The green LED flashes
The GNSS receiver calculates the current position.
The green LED lights up
The GNSS receiver is ready for operation.

The Smart 6 receiver has three different colored status LEDs.
The Smart 2 receiver has one LED that displays the status in three different colors.

Fault messages/WPT-Help



To get to the FAQ's follow the setup menu to the point 3.12.3
WPT-Help

Fault messages/WPT-Help



Scan the QR-Code with a mobile device

Content

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Cleaning advice/Laser scanner



- ▣ Regular inspection of the scanner (1-2 days)
- ▣ Cleaning according to the degree of dirtiness

- 1) Open the housing cover
- 2) Moisture cleaning of scanner covers (damp cloth...)

- ▣ No direct cleaning by water jet and/or high-pressure cleaner



Content

1) Presentation of the components	3
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Best Practices/Operator/Before first cut

- ▶ Cleaning of Scanners
- ▶ Enter JOB-ID **important!** If the ignition is turned off before the first cut is made the job id will be lost.
- ▶ Select job-Item number (optional)
- ▶ If cutting materials other than asphalt: adjust main application (the main application also changes the material density for more accurate truck load values)
- ▶ Cutting multiple layers: adjust main application accordingly, e.g. "top layer", "binder layer", "base layer"
- ▶ Adjust the LevelPro-Actual Values accordingly to compensate for pick wear (i.e. when LevelPro set-value is 2", your real cutting depth is 2", accuracy of WPT directly depends on LevelPro-Values)

Best Practices/Operator/While cutting

- ▶ Use LevelPro in automatic mode whenever possible
- ▶ Use side plates or scanner in front of the cutter whenever possible
- ▶ Pick wear can influence the accuracy of the WPT system. Cutting with a -0.1 or 0.1 will give a different reading for the calculation. Repeat calibration / adjustment of LevelPro.
- ▶ When loading material: Use truck counter to reset truck loads and count trucks
- ▶ Select/change job-Item number (optional and if applicable)
- ▶ If cutting materials other than asphalt: adjust main application (default value for material density will be adjusted automatically)
- ▶ Cutting multiple layers: adjust main application accordingly, e.g. "top layer", "binder layer", "base layer"
- ▶ Cleaning and loading of pre-cut material: adjust main application to "refinish": area will not be added to total area and length.

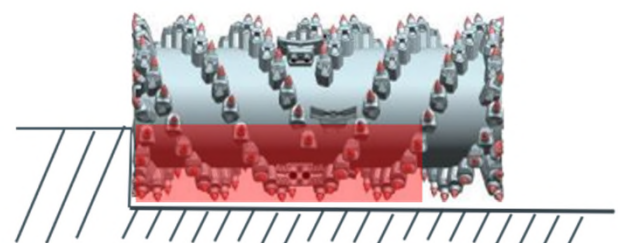
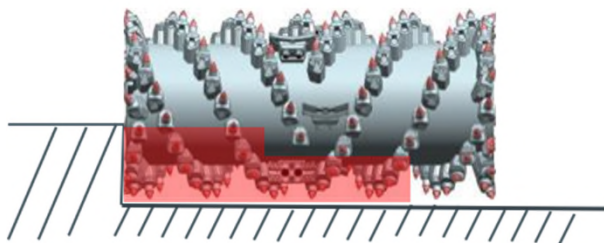
Best Practices/Operator/Cutting Edges

- ▶ Cutting edges must be clearly visible



Best Practices/Operator/Cutting Edge conditions

- ▶ Avoid as much as possible cutting multiple edges



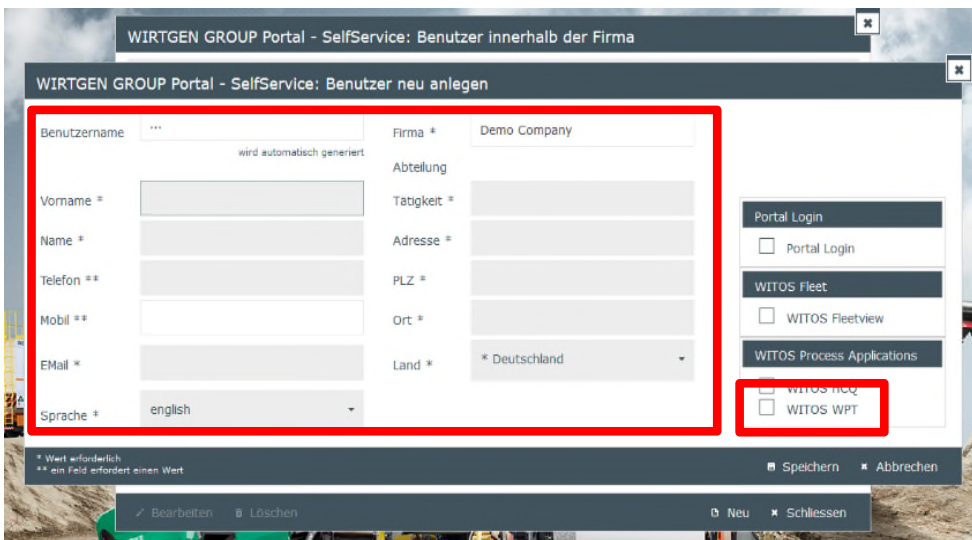
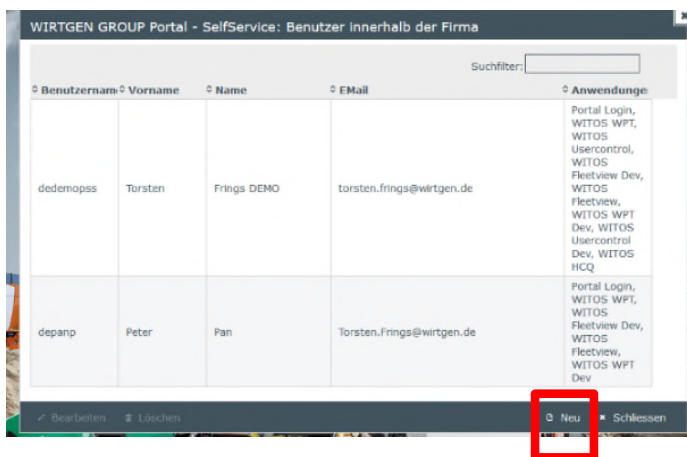
Best Practices/Office – Initial Setup of WPT-Recipient

- ▶ Create a separate e-mail account for your WPT-reports, e.g. wpt-reports@your-organization.com

(recommended in order not to overload existing e-mail accounts with the reports)

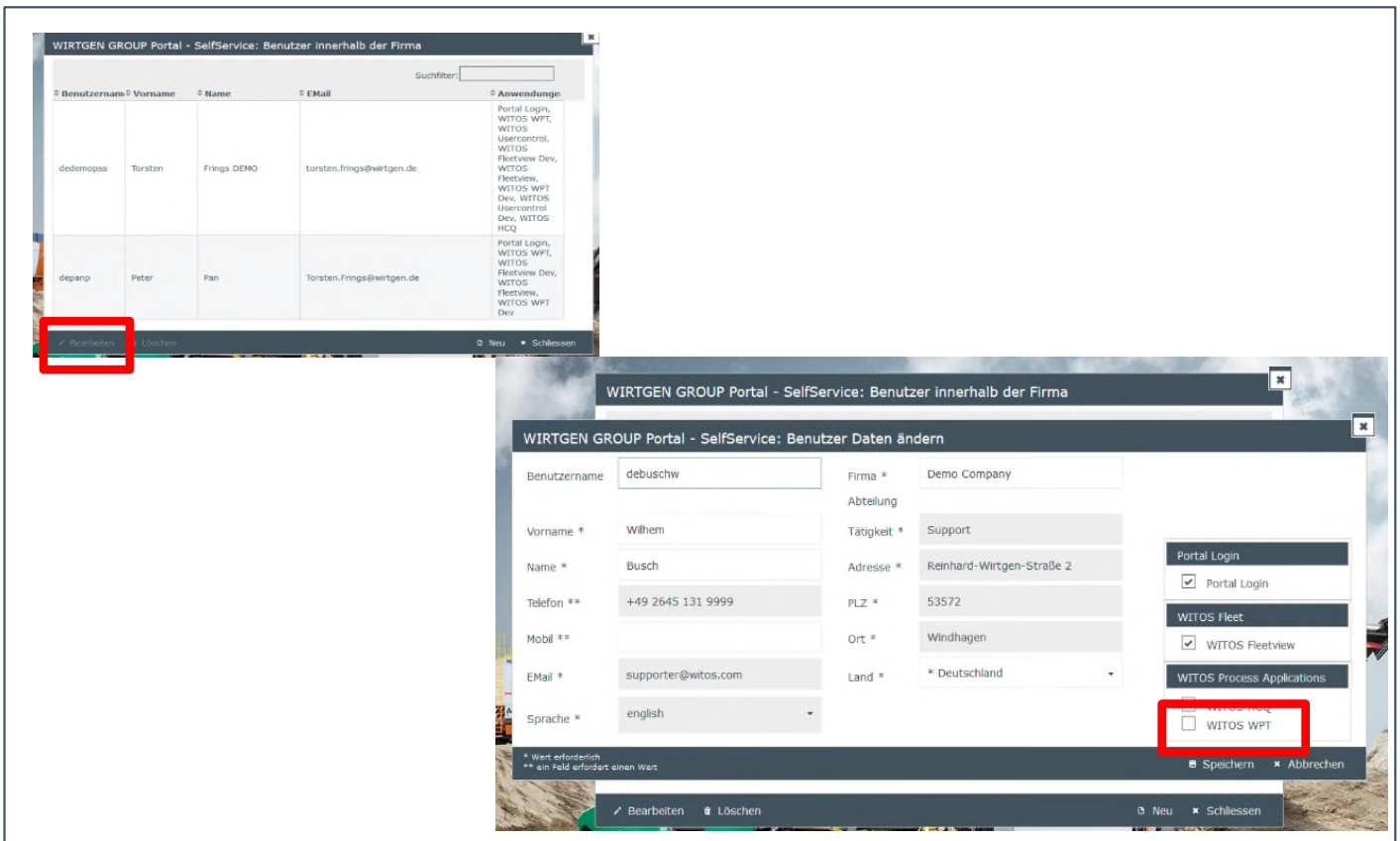
- ▶ Create separate WITOS WPT user for your WPT-reports in WITOS (ask your company admin)

Best Practices/Office - Creating a WPT report recipient in the Wirtgen Group portal - SelfService (new WITOS user)



- Select the button "New" (Neu) in SelfService
- Fill in mandatory fields with user data and set the e-mail address for receiving the report accordingly e.g. wpt@your-organization.de
- Set authorisation (check) for WITOS WPT
- For further information - see also the manual SelfService (available via WITOS Support)

Best Practices/Office - Creating a WPT report recipient in the Wirtgen Group portal - SelfService (existing WITOS user)



The top screenshot shows a table of users in the 'WIRTGEN GROUP Portal - SelfService: Benutzer innerhalb der Firma' interface. The table has columns for 'Benutzername', 'Vorname', 'Name', 'EMail', and 'Anwendungsgebiete'. The 'Bearbeiten' button at the bottom left is highlighted with a red box.

The bottom screenshot shows the 'WIRTGEN GROUP Portal - SelfService: Benutzer Daten ändern' form. The form contains fields for 'Benutzername', 'Vorname', 'Name', 'Telefon', 'Mobil', 'E-Mail', 'Sprache', 'Firma', 'Abteilung', 'Tätigkeit', 'Adresse', 'PLZ', 'Ort', and 'Land'. On the right side, there are checkboxes for 'Portal Login', 'WITOS Fleet', 'WITOS Process Applications', and 'WITOS WPT'. The 'WITOS WPT' checkbox is highlighted with a red box.

- Select the „Edit“ (Bearbeiten) button in SelfService
- Set e-mail address for report receipt accordingly e.g. wpt@your-organization.de
- Set authorisation (check) for WITOS WPT
- For further information - see also the manual SelfService (available via WITOS Support)

Best Practices/Office – Configuration of WITOS-WPT-User in WITOS User Control

- set the role Milling PM to “read”
- set email-address accordingly, e.g. wpt-reports@your-organization.com
- set the time format accordingly
- set the units system accordingly
- set the Language accordingly

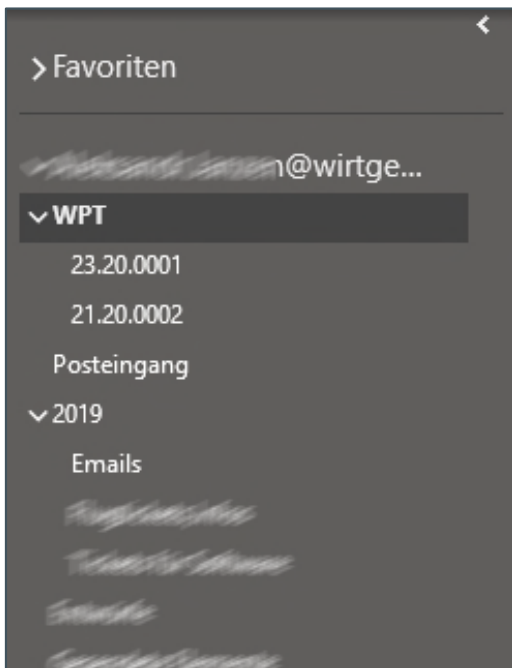
Company-Admin

Benutzername	depanp	Administrator	<input type="checkbox"/>
Vollständiger Name	Peter Pan	Email-Adresse	Torsten.Frings@wirtgen.de
Gültig bis	31.12.2030	Zeit-Anzeige	<input checked="" type="radio"/> 24 Std. <input type="radio"/> 12 Std. (AM/PM)
Sprache	DE	Datum-Format	TT.MM.JJJJ
Unternehmen	Training Messe	Einheitensystem	<input checked="" type="radio"/> Metrisch <input type="radio"/> Imperial
Händler		Debitor	0004049679
Rolle Telematic FleetView	supervisor role for fleetview	Niederlassung	Wirtgen GmbH
Rolle Milling PM	read role for MIL PM		

If the WPT user has also enabled WITOS Fleet View, these settings can also be made directly in the corresponding WITOS menu

Best Practices/Office – Initial Setup of E-mail Client

- ▶ Create separate folder for your WPT-reports in your e-mail client
- ▶ Create separate subfolders for each WPT-machine within the WPT folder, e.g. outlook



Best Practices/Office – Initial Setup of E-mail Client

- ▶ Define rules to automatically sort incoming WPT-emails into the corresponding machine subfolder. One rule for each machine.

Create Rule

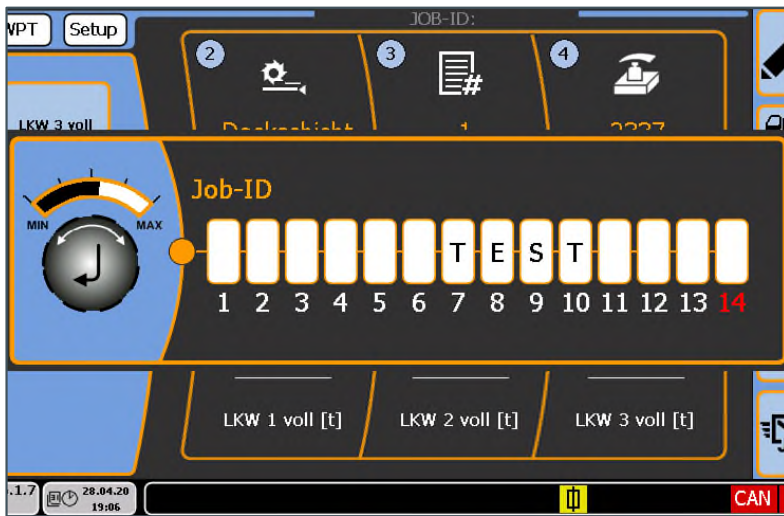
When I get e-mail with all of the selected conditions

- From wpt@wirtgen.de
- Subject contains
- Sent to ▼

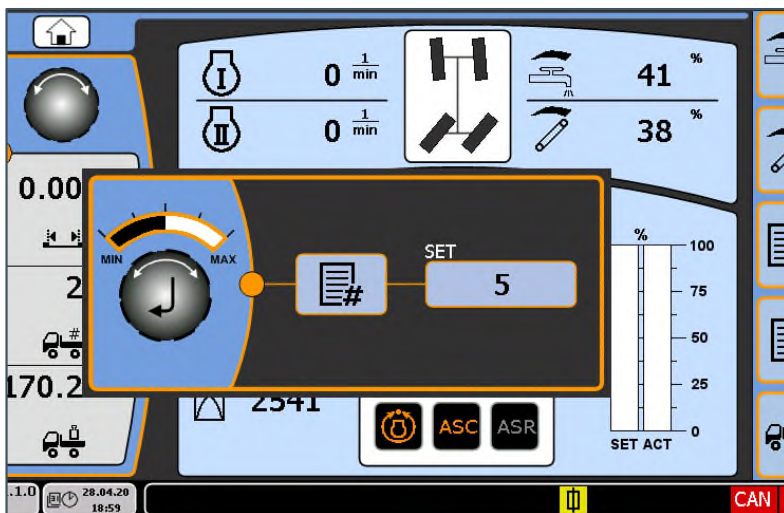
Do the following

- Display in the New Item Alert window
- Play a selected sound: ▶ ■
- Move the item to folder:

Best Practices/Office – prior to job start



- Provide job-ID, project number or other adequate identifier for job to operator (this information can be entered on the machine and will show up in the e-mails subject line)



- Provide job-item list to operator (the job item can be selected at machine operator interface and will show up in the WPT-Excel report)

Best Practices/Office – process reports (after job finish)

- Check value for uncertain area (sheet overview, see below): values > 5% may indicate more inaccurate WPT-measurements. Check milling depth or if in doubt ask operator.



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Wirtgen
Wirtgen Performance Tracker Report
 L1075, 07639, Bad Klosterlausnitz, Thüringen, 04/08/2019

general


job begin: 04/08/2019 9:51 AM
 job end: 04/08/2019 7:33 PM
 order no.: Job-1
 time zone: GMT+02:00

overview milling performance

total area ⁴⁾ [m ²]:	3033,9	total volume [m ³]:	367,9
of which uncertain ²⁾ [%]:	1,2	total tonnage [t]:	882,9
milling distance ²⁾ [m]:	2383,5	of which not loaded [t]:	0
Ø milling depth [cm]:	12,1	Ø material density [kg/m ³]:	2400
Ø milling width [m]:	1,27	loaded trucks:	41
job duration ⁴⁾ [h:m]:	9:41	milling duration ⁵⁾ [h:m]:	4:44
idletime ⁶⁾ [h:m]:	1:02	current operating time [h]:	815
		engine operating time [h:m]:	8:33
sum marker:	4	difficulty [m]:	42,1
addition [m ²]:	56,1	refinish [m ²]:	106,6



Best Practices/Office – process reports (after job finish)



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Wirtgen
Wirtgen Performance Tracker Report
 L1075, 07639, Bad Klosterlausnitz, Thüringen, 04/08/2019

overview order items

Clear Filters

Comfort filter for order assignment 98,9% of all surfaces assigned

sections item <small>2)</small>	depth [cm]		area no.	main application	sub-base	specialty	loading	milling depth [cm]	milling distance [m]	milling area [m ²]	milling volume [m ³]	milling tonnage [t]
	from	to										
1	1,5	2,4	all	all	all	all	all	1,9	5,5	10,6	0,2	0,6
2	2,5	22,4	all	all	all	all	all	12,0	2.413,3	3.094,3	371,6	892,1
3												

- Open Excel-Report (sheet order items) and assign job area to job (section) items by using the depth filter or the main application filter
- Check the overall percentage of assigned surfaces
- Save the Excel-File on your file system

This training document is not a substitute for technical documentation (instruction manual, safety instruction and spare parts catalogue).
It is not subject of the technical modification service. All technical instructions for description, operation, maintenance, etc. are taken by the instruction manual, the safety manual or the spare parts list.

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Handout_WPT_Large milling machine W200(i)-W250(i)_2764033_V15_EN



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