

TRAINING CATALOG & TRAINING OVERVIEW

Kubota Brabender Technologie GmbH



Description

Here you can find an overview of all training courses offered by Kubota Brabender Technologie.

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1. General Information

In this catalog you will find an overview of our training program and information about the training contents.

The training contents cover all areas related to the current portfolio of Kubota Bra-bender Technology (KBT) and its functionality. Our training courses include customer-specific training courses as well as standard training courses.

2. Training locations & Training dates

The training courses are taking place at our head office in Duisburg or, in the case of individual training courses, at your place. We would be happy if we could submit you an offer for this. Please do not hesitate to contact us.

3. Training content

Our trainings refer to three different intensity levels. These levels describe the competence after the received training.

- | | |
|---------------------------|---|
| (1) Beginner: | Basic knowledge |
| (2) Experienced/Advanced: | Deep knowledge of the subject and the practical application |
| (3) Experte: | Significant knowledge of the subjectand. Practical application possible |

3.1 Detailed training overview

Training module 1: Basics of Kubota Brabender Technologie

Course no.	Title	Topic	Description / Content	Comptence level	Dura-tion in minutes
1.1	Basics Kubota Brabender Technologie	KBT general who are we?	History & Company Figures KBT Basic feeding (Why Gravimetric?) Industries General introduction to Bulk Solids & Raw Materials Equipment Portfolio (Overview) Overview Feeding & Discharge Equipment from KBT Portfolio	1,2,3	45

Training module 2: Feeding (Basics)

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
2.1	Feeding	General		1	30
2.2	Feeding	Volumetric and gravimetric	What is the difference between volumetric and gravimetric feeding systems?	1,2,3	25
2.3	Feeding	Bulk materials	Introduction to the topic bulk solids / raw materials	1	15
2.31	Feeding	Bulk materials	Deepening topic of bulk solids/ raw materials Characterization of raw materials e.g. flow properties	2	15
2.32	Feeding	Bulk materials	Deepening study of bulk solids / raw materials Characterization of raw materials, e.g. flow properties Feeding tools and design of feeding systems	3	45
2.4	Feeding	Screw	Screw guide Which screws are available at KBT? Selection and classification Reading a screw table (max. bulk density)	2,3	45

Training module 3: Feeding (Technology, Assembly and Equipment)

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
3.1	Feeding technology	Technology and Assembly	The different KBT feeders (for granules, powder, fibres and liquids) The Operation principle	1	60
3.2	Feeding technology	Load cells & Weighing Frames	Functionality of a load cell (MS and MD)	1	15
3.21	Feeding technology	Load cells & Weighing Frames	Functionality of a load cell Details (technical structure and use)	2,3	30
3.22	Feeding technology	Load cells & Weighing Frames	Weighing frame: difference between Tara compensated and full load weighing frame and the functionalities	3	30
3.3	Feeding technology	Drive controller	Different drive controller (FC, VC, FC-CM, Smart motor, VC-CB) Interaction between controllers and feeders	2	20
3.4	Feeding technology	FlexWall®Plus	Design of the Feeder Functionality & Specifics	1	15
3.41	Feeding technology	FlexWall®Plus	Design of the Feeder Functionality & Specifics Use	2	30

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
3.42	Feeding technology	FlexWall®Plus	Design of the Feeder Functionality Special features Application Types of unit Screw change & cleaning Possible options (maintenance switch, quick closing valve, filter bag, turntable, pressure compensation)	3	60
3.5	Feeding technology	DSR & DDSR	Design of the Feeder Functionality & Specifics	1	15
3.51	Feeding technology	DSR & DDSR	Design of the Feeder Functionality & Specifics Use	2	60
3.52	Feeding technology	DSR & DDSR	Design of the Feeder Functionality Special features Application Types of unit Screw change & cleaning Possible options (maintenance switch, quick closing valve, filter bag, turntable, pressure compensation)	3	60
3.6	Feeding technology	Weight-Belt Feeder	Design of the Feeder Functionality & Specifics	1	30

Course no.	Title	Topic	Description / Content	Compe- tence level	Duration in minutes
3.61	Feeding technology	Weight-Belt Feeder	Design of the Feeder Functionality & Specifics Use	2	60
3.62	Feeding technology	Weight-Belt Feeder	Design of the Feeder Functionality Special features Application Types of unit Screw change & cleaning Possible options (quick cleaning version, Hy- gienic Design version, dust collection hop- per)	3	60
3.7	Feeding technology	DS Series	Design of the Feeder Functionality & Specifics	1	15
3.71	Feeding technology	DS Series	Structure of the feeding unit Operation & screw change Difference DS28, DS60 and DS80 Use	2	15
3.72	Feeding technology	DS Series	Design of the Feeder Functionality Special features Application Types of unit Screw change & cleaning Possible options (mainte- nance switch, filter bag)	3	30

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
3.8	Feeding technology	DVT / DVR	Design of the Feeder Functionality & Specifics	1	20
3.81	Feeding technology	DVT/DVR	Design of the Feeder Functionality & Specifics, different Feeder Types, Screw change	2	30
3.82	Feeding technology	DVT/DVR	Design of the Feeder Functionality & Specifics, different Feeder Types, Screw change, possible options	3	30
3.9	Feeding technology	FDDW	Design of the Feeder Functionality & Specifics	1	20
3.91	Feeding technology	FDDW	Design of the Feeder Functionality & Specifics, different Feeder Types, Screw change	2,3	30
3.10	Feeding technology	FX	Design of the Feeder Functionality & Specifics	1	30
3.101	Feeding technology	FX	Design of the Feeder Functionality & Specifics, different Feeder Types, Screw change	2,3	45
3.11	Feeding technology	Micro Batch	Design of the Feeder Functionality & Specifics	1	15
3.12	Feeding technology	Batch Master	Design of the Feeder Functionality & Specifics	1	15
3.13	Feeding technology	Coriolis	Design of the Feeder Functionality & Specifics	1	15
3.14	Feeding technology	SiloTray	Design of the Feeder Functionality & Specifics	1	15
3.15	Feeding technology	MT	Design of the Feeder Functionality & Specifics	1	15
3.16	Feeding technology	RT	Design of the Feeder Functionality & Specifics	1	15

Training module 4: Discharge (basics, technology and equipment)

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
4.1	Discharge	volumetric	Functionality and special features	1	20
4.2	Discharge	BAV	Design, functionality, special features	2	20
4.21	Discharge	BAV	Design, functionality, special features	3	20
4.3	Discharge	BagMaster	Design, functionality, special features	2	20
4.31	Discharge	BagMaster	Design, functionality, special features	3	20
4.4	Discharge	BagDumper	Design, functionality, special features	2	20
4.41	Discharge	BagDumper	Design, functionality, special features	3	20

Training module 5: Feeding methods and processes

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
5.1	Feeding methods and processes	Continuous-Batch	Explanation Continuous and Discontinuous feeding	3	60
5.2	Feeding methods and processes	process engineering		3	60

Training module 6: Control

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
6.1	Control	General topic: Operating units, controllers, interfaces	Introduction to the operating units at KBT The different controls (Congrav CM-E, Congrav CB-E, CB-S 2.0) The different user interfaces (OP1, OP6, OP16)	1	60
6.2	Control	Congrav® CM-E	General Structure (components & interior view) Integration, Interfaces	2	30
6.3	Control	Congrav® CB-E	General Structure (components & interior view) Integration, Interfaces	2	30
6.4	Control	Congrav® CB-S	General Structure (components & interior view) Integration, Interfaces	2	15
6.5	Control	Congrav® OP1	Technical design (e.g. interfaces, size) Surface Deepening for operators, Different levels (up to level 3 hardware configuration) software from host computer	2	60
6.51	Control	Congrav® OP1	Technical design (e.g. interfaces, size) Surface Deepening for operators, Different levels (up to level 3 hardware configuration), software from host computer	3	60

Course no.	Title	Topic	Description / Content	Competence level	Duration in minutes
6.52	Control	Congrav® OP1	Software N Batch - Special features Which product parameters, Which dosing parameters Adjustment of parameters after an IBN (optimization)	3	60
6.53	Control	Congrav® OP1	Software HGC Continuous - special features Which product parameters, Which feeding parameters Adjustment of the parameters after an IBN (optimization)	3	60
6.6	Control	Congrav® OP6	Technical design (e.g. interfaces, size) Surface Deepening for operators Different levels (calibrate and adjust hardware configuration up to level 2)	2	90
6.61	Control	Congrav® OP6	Technical design (e.g. interfaces, size) Surface Deepening for operators, Different levels (up to level 3 hardware configuration) Software from host computer	3	90
6.62	Control	Congrav® OP6	Software HGC Continuous - special features Which product parameters & feeding parameters Adjustment of the parameters after an IBN (optimization)	2	60
6.63	Control	Congrav® OP6	Software HGC Continuous - special features Which system parameters & feeding parameters Adjustment of the parameters after an IBN (optimization)	3	60

Kurs Nr.	Titel	Thema	Beschreibung / Inhalt	Kompe- tenzlevel	Dauer in Mi- nuten
6.7	Control	Congrav® OP16	Technical design (e.g. interfaces, size) Surface Deepening for operators Different levels (calibrate and adjust hardware configuration up to level 3)	2	90
6.71	Control	Congrav® OP16	Technical design (e.g. interfaces, size) Surface Deepening for operators, Different levels (up to level 4 hardware configuration software from master computer	3	90
6.72	Control	Congrav® OP16	Software N Batch - special features Which product parameters & feeding parameters Adjustment of the parameters after an IBN (optimization)	2	60
6.73	Control	Congrav® OP16	Software HGC Accounts - special features Which product parameters & feeding parameters Adjustment of the parameters after an IBN (optimization)	2	60
6.74	Control	Congrav® OP16	Software N Batch - special features Which system parameters & Feeding parameters Adjustment of the parameters after an IBN (optimization)	3	100
6.75	Control	Congrav® OP16	Which system parameters & feeding parameters Adjustment of the parameters after an IBN (optimization)	3	100

Training modul 7: Special topics

Commissioning training and training on products outside the current product portfolio are also possible.
Ask them directly via: hotline@kubota-bt.com

4. Price list

The daily rate for in-house training for up to 4 persons is: 1.400,00 €*.
Each additional person costs €100,00 / day extra.

* Price includes seminar catering and training documents excl. 19% VAT.

Training at your site (individual training):

On-site training must be calculated and offered individually depending on content, duration and preparation time.

5. Registration & Course overview

Please use our form "Registration for training" for registration.