



Global Training Program

Knowledge that works.
From lab to production.



FETTE
COMPACTING

together

from lab to production

Better together – from lab to production

For more than 75 years, Fette Compacting has been redefining precision in industrial tablet production. As the world market leader in integrated solutions for OSD (Oral Solid Dosage) manufacturing, we deliver decisive competitive advantages. Our portfolio ranges from high-performance tablet presses to specialized Containment solutions and process equipment.

But technology is only one part of our DNA. Guided by our principle “Together – from lab to production”, we support you throughout the entire life cycle of your products: from initial formulation in the lab through technology transfer to commercial production.

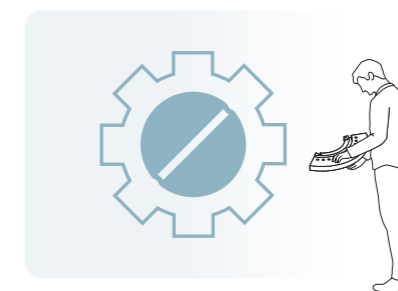
That way, you find the right solution for every product and get it to market faster. With our global network of five Competence Centers in Germany, China, the USA, India, and Brazil, along with 13 subsidiaries and representatives in 50 countries, we are always right where you need us.

As your holistic process partner, we provide complete solutions. Whether pharma, nutrition, or chemical: We combine tailored consulting with deep technological know-how. The result: customized, efficient solutions for every phase of your product life cycle – and a partnership that delivers real value.

Research & Development



Production



Knowledge Base QED

- › Concentrated expertise: Access to more than 75 years of tableting experience
- › Decide with confidence: A digital foundation for sound process planning

Formulation development

- › Formulation consulting: Expert support backed by pharmaceutical expertise
- › Understand your materials: Precise characterization of your active ingredients and excipients

Process Development

- › Test without risk: Emulator-based trials
- › Stay in control: Development of tailored control strategies
- › Leverage your data: Seamless integration of Process Analytical Technology (PAT)

Technology Transfer

- › Scale with ease: Reliable transition from development to production
- › Navigate regulatory requirements: Support in overcoming regulatory hurdles
- › Validate your processes: Efficient transfer and safeguarding of your processes

Production

- › Produce flexibly: Tablet presses for batch operations and Continuous Manufacturing
- › Protect people and the environment: Purpose-built containment solutions
- › All from a single source: Process equipment and tableting tools

Process Optimization

- › Boost performance: Ongoing production support
- › Minimize risks: Identify and address weak points early
- › Improve processes: Development of customized optimization strategies

Global Training Program

We advance your tableting processes

Modern tablet presses from Fette Compacting operate with more than 300 parameters to adapt precisely to your processes. At the same time, our R&D Solutions provide powerful tools for data collection and process analysis. Yet these technologies only reach their full potential when your team can operate them confidently and understands how they interact.

Our global training program bridges the gap between theory and practice across the entire production life cycle. We train your team in core machine operation and maintenance while also building specialized know-how within your development department.

Flexible learning

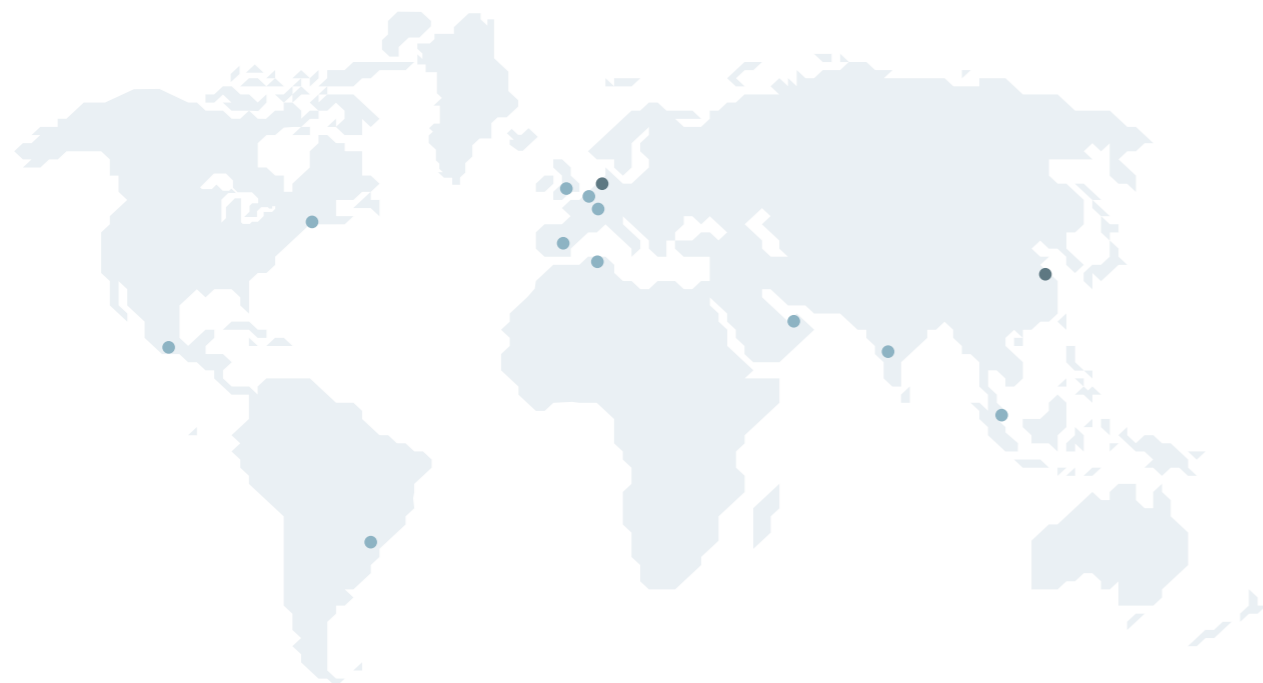
Our experienced trainers are happy to come to your facility and train your team directly on your machines. For the best possible learning outcomes, we recommend training at one of our worldwide Competence Centers in Germany, Brazil, China, India, and the USA. There, participants can fully focus on the training content, away from day-to-day operations, and practice on different machine types.

Global training standards

We deliver all trainings worldwide to uniformly high quality standards. Six languages are available: English, French, German, Mandarin, Portuguese, and Spanish. Regardless of location, all participants complete their training with a performance review and receive a certificate in accordance with 21 CFR.

Your benefits at a glance:

- + Machine availability: Reduced setup and downtime through targeted training in fault detection, changeover, and maintenance.
- + Output & quality: Higher production volumes and the highest standards through optimally configured machines.
- + Reduced product losses: Lower reject rates and minimized material losses through in-depth process and machine knowledge.
- + Higher yield: Maximum cost-effectiveness by making the most of your machines and data.



- Fette Compacting subsidiaries
- Fette Compacting production sites



Our Trainings at a Glance

Targeted knowledge
for every phase of your process

We offer a comprehensive global training program that helps you unlock the full potential of your machines and processes. Whether you want to develop new formulations in the lab, optimize daily production, minimize setup times, or master complex special applications: Our five categories guide you straight to the right training.



Research and development

Outstanding research results emerge at the intersection of human expertise and technological precision. Development teams benefit from continuously expanding their know-how – from confidently operating modern software and lab machines to interpreting complex data and analyzing processes with precision. This enables them to turn new insights into successful scale-ups.

Trainings in this category:

- + Galenics
- + F Lab 10
- + Emulators



Operational excellence

Daily production demands the highest precision and efficiency. Skilled process management ensures sustained product quality and early detection of deviations. The goal: maximize output, minimize product losses, and deliver smooth, performance-optimized operations.

Trainings in this category:

- + Introduction
- + Operation
- + Tableting Performance
- + In-Process Control
- + Tableting Tools

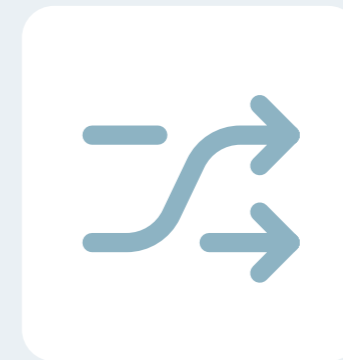


Efficient maintenance and changeover

Every minute of downtime costs money. With the right expertise, downtimes can be significantly reduced through targeted maintenance. Confident handling of machine components, fast format part changes, and proper tool care prevent mechanical wear and safeguard machine availability.

Trainings in this category:

- + First Maintenance Steps
- + Mechanical Maintenance
- + Electronic Maintenance
- + Cleaning and Changeover
- + Turret Changeover
- + Removal Arm



Special applications and technology

Special products demand the highest degree of process understanding and technological competence. Whether multi-layer tablets, Continuous Manufacturing, or highly active substances: Solid practical knowledge is the key to executing even the most demanding applications safely, routinely, and efficiently at all times.

Trainings in this category:

- + Bi-Layer Tableting
- + Introduction FE CPS
- + Operation FE CPS
- + Formulation Development FE CPS
- + Cleaning and Changeover FE CPS
- + Operation ePAT
- + WiP and Airmanagement
- + Mechanical Maintenance WiP
- + Electronic Maintenance WiP



Individual trainings

Every production environment is unique. That's why it often makes sense to tailor learning content exactly to existing skill levels and specific machine configurations. A training concept closely aligned with your processes and machines – whether through adapted content or the integration of specific production parameters – equips your team for lasting, hands-on success.

Assessment Process

Sustainable learning success for your team

Training is a continuous cycle. Our structured assessment process ensures that you and your team receive exactly the knowledge you need – and can apply it long-term in day-to-day practice.

Needs assessment

Through individual tests, we determine your team's current knowledge level and identify learning needs. On this basis, we determine whether our proven standard modules meet your requirements or whether we should assemble a customized program for you.

Training and examination

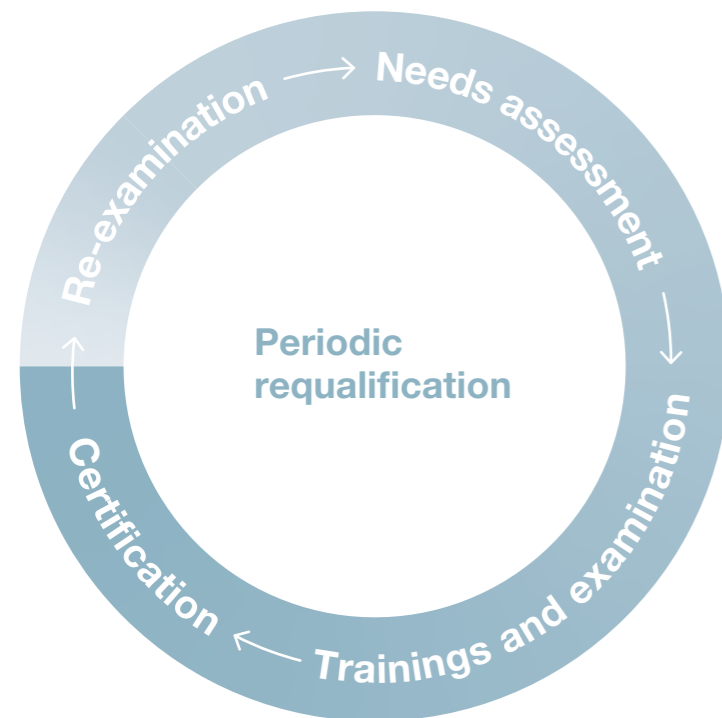
After the training by our experts, each module concludes with a test to ensure that the knowledge has been retained. If gaps emerge, we provide targeted follow-up training and conduct a retest.

Certification

Quality you can document: Upon passing the performance review, participants receive a certificate for the respective module in accordance with 21 CFR.

Re-examination

To keep your team optimally qualified over time, we conduct a re-examination every two years. It serves as the basis for a new needs assessment: We identify development potential and close qualification gaps. This keeps the training cycle going and secures sustainable learning success.



Training Modules

Research and development



Galenics 3 Days

Target group: Formulation developers, galenics specialists, laboratory personnel, technologists, experienced machine operators

After this training, you will operate the Galenics Software from Fette Compacting with confidence. You will learn to design, monitor, and systematically optimize manufacturing processes – for example, through the analysis of force-displacement diagrams. The focus is on the practical application of pressing techniques and targeted machine adjustments for smooth, efficient processes.

- + Confident operation of the Galenics Software
- + Analysis and evaluation of force-displacement diagrams
- + Hands-on production of single-layer and multi-layer tablets
- + Targeted machine adjustments for efficient processes

F Lab 10 2 Days

Target group: Formulation developers, laboratory personnel, technologists

In this hands-on training, you will receive a comprehensive introduction to working with the F Lab 10 and its peripherals. From correct setup and initial pressing trials to the proper evaluation of measurement data and diagrams: You will learn to use the F Lab 10 efficiently for your test planning, execution, and evaluation.

- + Setup of the F Lab 10 and its peripherals
- + Proper evaluation of measurement data and diagrams
- + Efficient test planning and evaluation
- + Optional: Qualification for independent calibration

Emulators 2 Days

Target group: Process engineers, developers, technologists

Learn step by step how to independently configure emulators and capture and adjust process parameters. This training focuses on how to obtain reliable data from trials, interpret them correctly, and apply them to process optimization. Through intensive practical exercises, you will simulate typical scenarios and analyze their impact on the downstream production process.

- + Independent configuration of emulators
- + Precise capture and adjustment of process parameters
- + Generation and interpretation of reliable test data
- + Safe transfer of findings into operational practice

Training Modules

Operational excellence



Introduction 1 Day

Target group: Machine operators, maintenance personnel, machine setters, project developers, quality managers, technologists, project managers, IT administrators, production managers

In this training, you will learn the fundamental operating principle of a tablet press and become familiar with the most important technical terms. You will get to know all relevant safety functions and produce your first tablet during the training. The ideal start to professional tableting.

- + Comprehensive machine and system overview
- + Occupational safety briefing
- + Understanding of the operating principle and production parameters
- + Initial practical exercises directly on the machine

Operation 2 Days

Target group: Machine operators, machine setters, production staff

This training enables you to handle the tablet press with confidence. You will learn to produce tablets exactly to specification, optimize processes effectively, and detect signs of wear early. The training combines technical understanding with hands-on application directly on the machine.

- + Practical exercises covering setup and optimization of the entire tableting process
- + Correct adjustment of product and production parameters
- + Compression force control and active process monitoring
- + Troubleshooting strategies for consistent product quality

Tableting Performance 2 Days

Target group: Experienced machine operators, technologists, quality managers, production managers

In this training, you will acquire the knowledge and hands-on skills to operate tablet presses in a process-oriented and efficient manner. You will learn to identify production-relevant faults, resolve them, and independently run performance-optimized processes. The focus is on a deep understanding of the relationships between machine settings, material properties, and final product quality.

- + Prevention of typical quality deviations (e.g., weight fluctuations, sticking, capping)
- + Targeted optimization of product flow and output
- + Sustained reduction of product losses
- + Root cause analysis and process adjustment directly on the machine



In-Process Control 1 Day

Target group: Machine operators, quality managers, maintenance personnel, technologists

This training enables you to operate tablet testing devices efficiently. You will learn to correctly configure process-relevant parameters, evaluate test protocols thoroughly, and independently clean and maintain the devices.

- + Operation, cleaning, and maintenance of tablet testing devices
- + Correct configuration of process-relevant parameters
- + Evaluation of test protocols
- + Control loop management for tablet weight and hardness

Tableting Tools 1 Day

Target group: Machine operators, machine setters, quality managers, technologists

Acquire the expertise needed to handle tableting tools properly. You will become familiar with various manufacturing standards, coatings, as well as punch, die, and segment technology. You will also learn to detect tool wear early, analyze faults, and take appropriate action to prevent downtime.

- + Cleaning, polishing, inspection, and optimal storage of tableting tools
- + Overview of manufacturing standards and coatings
- + Early detection and analysis of tool wear
- + Best practices for consistent product quality and extended service life

Training Modules

Efficient maintenance and changeover



First Maintenance Steps 1 Day

Target group: Maintenance personnel (mechanical & electronic), machine setters

In this training, you will acquire the fundamentals of mechanical and electrical maintenance for your tablet press. You will learn to systematically detect deviations and independently perform professional maintenance tasks. Through hands-on exercises and targeted simulations, you will develop a deep understanding of preventive maintenance and troubleshooting.

- + Proper maintenance of mechanical components (e.g., wear parts, lubrication systems)
- + Fundamentals of electrical and control systems (e.g., drive systems, battery service)
- + Preventive maintenance and efficient fault simulation
- + Active contribution to reducing downtime

Mechanical Maintenance 2 Days

Target group: Maintenance personnel (mechanical)

After this training, you will be able to handle the tablet press confidently and carry out mechanical tasks routinely. You will learn to systematically resolve deviations and independently perform maintenance to noticeably improve the availability of your machines.

- + General settings and inspection of wear parts
- + Setting of reference marks and zero balance
- + Maintenance of lubrication system, individual rejection, and turret clamping system
- + Intensive practical exercises on the machine



Electronic Maintenance 2 Days

Target group: Maintenance personnel (electronic)

Get up to speed on the electronic maintenance of your tablet press. In this training, you will learn to systematically locate and resolve faults and to independently carry out electronic maintenance tasks. This way, you directly help increase machine availability.

- + System and component overview
- + Setting of reference marks and zero balance
- + Maintenance of drives and lubrication systems
- + Systematic troubleshooting



Cleaning and Changeover 2 Days

Target group: Maintenance personnel, machine operators

In this training, you will learn to efficiently change over tablet presses and properly clean all attached components. You will master the handling of machine parts and tableting tools to ensure smooth product transitions.

- + Preparation for cleaning and cleaning of the tablet press
- + Storage and transport of machine components
- + Handling, cleaning, and preservation of tableting tools
- + Safe and fast changeover of the machine

Turret Changeover 0.5 Days

Target group: Machine operators, maintenance personnel, machine setters, technologists

A fast and safe turret changeover reduces downtime and increases machine flexibility. In this training, you will gain the knowledge and practical experience to carry out this process safely, independently, and routinely.

- + Proper disassembly of the turret
- + Precise installation of the turret
- + Step-by-step exercises directly on the machine
- + Minimized downtime during product changes



Removal Arm 0.5 Days

Target group: Maintenance personnel

This training enables you to operate the removal arm confidently. You will learn to correctly set electronic limits and travel ranges and to optimally adapt the removal process to your production requirements.

- + Operation and handling of the removal arm
- + Correct setting of electronic limits and travel ranges
- + Precise "teaching" of positions directly on the machine
- + Understanding of the interplay between mechanics and controls

Training Modules

Special applications and technology



Bi-Layer Tableting 1 Day

Target group: Experienced machine operators, developers, quality managers, technologists

This training gives you the knowledge and practical skills to produce bi-layer tablets exactly to specification. You will learn to properly operate the tablet press, precisely set up bi-layer products, and troubleshoot minor process issues. The focus is on understanding the operating principle and the mechanical adjustments.

- + Operating principle of bi-layer tablets and mechanical conversion of the tablet press
- + Definition and control of relevant process parameters
- + Precise setup of a bi-layer product
- + Hands-on exercises in process stabilization

Introduction FE CPS 1 Day

Target group: Machine operators, project developers, quality managers, technologists

Lay the foundation for working professionally with the FE CPS. After this training, you will have mastered the machine fundamentals and be familiar with the technical terms. You will know all safety functions of the FE CPS and have gained insight into its operating principle.

- + Comprehensive machine and system overview
- + Occupational safety briefing
- + Understanding of the operating principle
- + Initial practical exercises directly on the machine

Operation FE CPS 2 Days

Target group: Machine operators, machine setters, quality managers, technologists

Master the safe handling of the FE CPS for everyday production. After the training, you will be able to independently prepare the system for production and start it exactly to specifications.

- + General settings and production parameters
- + Preparing and setting up the system for production
- + Mass flow control and rejection
- + Calibrating and taring the process units

Formulation Development FE CPS 3 Days

Target group: Experienced machine operators, developers, quality managers, technologists

In this training, you will learn the safe handling of the FE CPS and learn to develop and optimize Continuous Manufacturing. You will discover how to develop new recipes, fine-tune process-relevant parameters, and select exactly the right process components for your requirements. The training also covers powder characterization, system control, and process optimization.

- + Independent development of new recipes for Continuous Manufacturing
- + Selection of the right process components
- + Targeted adjustment and control of all process-relevant parameters
- + Confident control of the system and hands-on optimization of the entire process

Cleaning and Changeover FE CPS 2 Days

Target group: Maintenance personnel, machine operators, machine setters

Learn to efficiently change over the FE CPS and properly disassemble the process units. You will learn in detail how each component should be cleaned and how to properly reassemble them. After this training, you will have full command of the safe handling of the process units.

- + Preparation for cleaning and disassembly of the process units
- + Cleaning of the process area
- + Storage, transport, handling, and preservation
- + Safe changeover of the FE CPS

Operation ePAT 2 Days

Target group: Machine operators, maintenance personnel, machine setters, project developers, quality managers, technologists, project managers, production managers

Acquire the fundamentals of embedded Process Analytical Technology (ePAT) and discover how to actively monitor, control, and optimize your production processes. With the knowledge gained, you will be able to independently set up the measurement system, reference it, and deploy it in ongoing production.

- + Operating principle and system overview of the ePAT system
- + Setting up the measuring probes and referencing the system
- + Active process monitoring and real-time data analysis
- + Options and control of sorting out

Training Modules

Special applications and technology



WiP and Airmanagement 2 Days

Target group: Machine operators, technologists

Get to know the system components of the WiP system to operate it reliably. You will learn to optimally prepare the tablet press and the process equipment for the washing process and to run a complete wash cycle.

- + System overview and equipment
- + Installation and removal of tableting tools
- + Operation of WiP center, WiP spray gun, and dryer
- + Control of washing program, WiP functions, and airmanagement

Mechanical Maintenance WiP 3 Days

Target group: Maintenance personnel (mechanical)

This specialized training enables you to systematically diagnose and resolve mechanical faults on WiP machines and to independently carry out maintenance. Through confident handling of the tablet press and proper maintenance, you will significantly increase your machine availability.

- + Standard settings and wear parts
- + Maintenance of tablet scraper and sorting
- + Setting of reference marks and lubrication system
- + Maintenance of main drive, turret clamping system, and adjustmentdrive

Electronic Maintenance WiP 3 Days

Target group: Maintenance personnel (electronic)

Get up to speed on the electronic maintenance of WiP tablet presses. You will learn to systematically locate and resolve electronic faults and to independently carry out maintenance to reduce downtime to a minimum.

- + Overview of electronic components and reading of electrical diagrams
- + Network, BUS-Systems, PLC systems, and main encoder
- + Maintenance of drives (compression/dosing station and adjustmentdrive)
- + Measurement system, sorting, battery replacement, and reference marks

Training Modules

Individual trainings



Tailor-Made

Target group: All – depending on needs

Design a training program that is 100 percent aligned with your requirements. Whether unique machine configurations, specific skill levels, or entirely new challenges: We work with you to develop a concept that starts exactly where you need it. Our experienced trainers combine deep technical know-how with a gift for teaching and deliver knowledge that your team can immediately and confidently put into practice.

- + Fully tailor-made content for your specific processes and machines
- + Direct integration of your own production parameters and challenges
- + Flexible adaptation of existing content or development of entirely new topics
- + Maximum practical relevance – at your own facility or at our Competence Centers

Explore More Products and Services

Complete brochure overview:
www.fette-compacting.com/en/downloads



p Series

The p Series provides tablet presses for all batch sizes – from R&D to large-scale production. Following the PURE principle, they deliver high performance, standardized technology, and low operating costs. Their compact, easy-to-clean design ensures safe and smooth operation.

- + F10p: Compact specialist for small batches and clinical samples
- + F20p: Flexible all-rounder with exceptionally fast changeover times
- + F30p: Powerhouse for large-scale production with high output



Brochure: p Series

FE CPS

Continuous manufacturing delivers efficiency and quality benefits. The FE CPS is a compact solution that is easy to install. It offers the flexibility needed for product changeovers and for process-driven formulation development. The FE CPS paves the way from lab to serial production.

- + Operation, maintenance, and changeover – easy, safe, and fast
- + Processing of numerous formulations from 5 to 400 kg/h
- + Cleaning and product changeover in less than one shift



Brochure: FE CPS



FE Series

The FE Series stands for high performance, flexible applications, and process-reliable production. It ensures quality and efficiency in tableting and, combined with the FE CPS, enables reliable continuous production. The FE Series unites innovation and user-friendliness.

- + FE35: Specialist for small batches and fast product changeovers
- + FE55: The all-rounder – productive, efficient, and flexible
- + FE75: Double rotary press for maximum output



Brochure: FE Series

R&D Solutions

Our R&D Solutions guide you from the first powder analysis all the way to validated serial production. Based on the Quality by Design (QbD) principle and cutting-edge technology, we minimize scale-up risks and shorten your time-to-market – for robust, scalable, and reliable tableting processes.

- + Efficient formulation development
- + Production-like process development
- + Seamless scale-up and secure technology transfer
- + Global training program



Brochure: R&D Solutions



i Series

The i Series delivers solutions for higher performance and easy handling – even in demanding productions. With cross-generation system compatibility and intuitive controls, the i Series simplifies manufacturing and boosts productivity – from start-ups to major pharmaceutical companies.

- + F10i: Easy to adapt and ideal for smaller batches
- + F20i: High-performance across a broad range of applications
- + F30i: Double rotary press for large batches



Brochure: i Series

Production Services

Our Production Services provide comprehensive support for your tablet production – from initial commissioning to process optimization in day-to-day operation. Our experts ensure maximum machine availability, minimal downtimes, and future-proof systems.

- + Technical support and fast spare parts management
- + Data-driven process optimization and fleetmanagement
- + Machine modernization and refurbished pre-owned machines
- + Global training program



Brochure: Production Services





Europe

Fette Compacting GmbH

Grabauer Strasse 24
 21493 Schwarzenbek, Germany
 Phone +49 4151 12-0
tablet@fette-compacting.com

Fette Compacting Ibérica SL

Avenida Labradores, 1
 2ª Planta, Oficina 3
 28760 Tres Cantos, Spain
 Phone +34 91 8039689
fcib@fette-compacting.com

Fette Compacting France

10 Allée Bienvenue
 93160 Noisy-le-Grand, France
 Phone +33 155 812121
fcf@fette-compacting.com

Fette Compacting Italia Srl

Via Bruno Tosarelli, 155
 40055 Bologna, Italy
 Phone +39 340 5603976
fcit@fette-compacting.com

Fette Compacting Belgium BV

Schallenhoevedreef 1b
 2800 Mechelen, Belgium
 Phone +32 15 684260
fcbe@fette-compacting.com

EuroPharma Machinery Ltd

Unit 12 Highview
 Bordon, Hampshire, GU35 0AX
 United Kingdom
 Phone +44 1420 473344
admin@europharma.co.uk

Asia

Fette Compacting (China) Co., Ltd.

No. 9 Shengtong Road,
 Moling Sub-District,
 Jiangning Development Zone,
 211111 Nanjing
 Jiangsu Province, P.R.C., China
 Phone +86 25 52121818
fcn@fette-compacting.com

Fette Compacting Machinery India Private Limited

Plot No. S 115, Phase III B
 Verna Industrial Estate
 Verna, Goa 403 722, India
 Phone +91 90498 54568
marketing-in@fette-compacting.com

Fette Compacting Asia Pacific Pte Ltd.

2 Bukit Merah Central #18-01
 Singapore 159835, Singapore
 Phone +65 6371 1556
infoasiapacific@fette-compacting.com

Fette Compacting Middle East FZE

Jebel Ali Free Zone, Jafza
 Lobby 14, Office 308, Dubai
 United Arab Emirates
 Phone +971 4 8808226
dubai@fette-compacting.com

North America

Fette Compacting America, Inc.

400 Forge Way
 Rockaway, NJ 07866, USA
 Phone +1 973 5868722
sales@fetteamerica.com

Latin America

Fette Compacting America Latina Ltda.

Av. Cambacica, 610 módulo 10
 Parque Imperador
 CEP 13097-160
 Campinas / SP, Brazil
 Phone +55 19 37969910
fcsl-info@fette-compacting.com

Fette Compacting Mexico, SA de CV

Adolfo Prieto No. 1638
 Colonia Del Valle Sur
 03100 CDMX, Mexico
 Phone +52 55 40000653
tablet@fette-compacting.com

Africa

Fette Compacting North-West Africa

Résidence les Jardins, Bt B, Chéraga
 16000 Algiers, Algeria
 Phone +213 770 117 007
fcnwa@fette-compacting.com

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