

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курган (3522)50-90-47
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Ноябрьск (3496)41-32-12

Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саранск (8342)22-96-24
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Улан-Удэ (3012)59-97-51
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://gea.nt-rt.ru/> || gsg@nt-rt.ru

ПРЕССЫ ТАБЛЕТОЧНЫЕ NEXGEN PRESS Технические характеристики



NEXGEN PRESS® ONE MACHINE, MANY APPLICATIONS.

In a market that never stands still and in a world that continues to rely on oral solid dosage forms as a significant part of its health and welfare strategies, the need for ever-more efficient and robust tableting equipment is a constant driver of creative thinking.

To respond to present and future market demands, manufacturers are looking for flexible and multifunctional solutions that can handle both low and high potency active ingredients. This next generation of modular tablet presses will make machine selection easier, facilitate fast product changeovers and deliver price-performance leadership.

Committed to “Engineering for a better world” and fully aligned with its recently announced initiative to “drive product innovation with R&D and digitalization,” GEA has added the NexGen Press® range to its compression portfolio.

Offering operational excellence, each NexGen Press® is intuitive, simple to use and benefits from a back-to-basics design philosophy. And, of course, like any GEA press, safety, robust functionality, support and customer service come as standard.

Performance

- Intuitive, safe and simple to use
- Back to basics design philosophy
- Plug and play functionality for a wide range of applications
- Higher productivity levels and superior tablet quality
- Cost-effective operation
- ECM offers fast changeovers and high containment
- A2D tooling

Modular

- Dust-tight to OEB 5 containment on a single platform
- The first press range to offer both wash-offline (WOL) and wet-in-place (WIP) functions
- Fully customizable to accommodate MUPS, orodispersible, bilayer tablets and more

Digital

- Digitalized and Pharma 4.0-compatible
- Delivered with GEA's latest control system (MC5i)
- Compatible with the Digital Canary atmosphere monitoring system
- Virtual training, app-based support and online assistance available
- Easy to integrate into continuous manufacturing lines

Environmental

- Small footprint
- Planet-friendly operation.

FLEXIBILITY COMES AS STANDARD.

GEA presses combine unrivaled containment with fast product changeovers and the best price-performance tableting system.

Available in two formats the CE-certified **NexGen Press® GMP** features a dust-tight enclosure for easy handling. If required, with the addition of lay flats and pressure monitoring, the GMP option can be upgraded for OEB 3 containment applications.

For example, an entry level machine can be upgraded to meet specific process requirements, such as bilayer tableting, different washing options and/or to further reduce the risk of cross-contamination, as and when required.

The **NexGen Press® OEB** offers both OEB 4 and 5 containment functionality and can be equipped with the BUCK® Digital Canary for real-time atmosphere monitoring and/or the BUCK® (U)MC valve for contained loading.

Featuring a reduced-volume and isolated product contact area, the “double barrier” will increase

operator safety. Being easier and faster to clean will mean shorter production changeovers and less downtime. The contained turret allows for a replacement to be installed in less than 1 hour. And, in an increasingly connected working environment, the presses are Industry 4.0-compatible and digitalized.

Designed to accommodate a wide range of functionalities, from general GMP production to high-containment applications, GEA has once again applied its experience and knowledge to serve the current and future pharmaceutical workforce, and the patients who depend on their products.

Furthermore, the NexGen Press® range is fully compatible with GEA's new Digital Canary monitoring system, which both detects product leaks from contained pharmaceutical production lines and protects the health and safety of your operators.

Featuring an innovative design that promotes operator (and environmental) safety and ease of use, the NexGen Press® range is modular, intuitive and cost-effective to run.

Offering a number of plug-and-play options for applications including orodispersible, MUPS and bilayer tablets, the NexGen Press® also benefits from a user-friendly HMI with multitouch functionality, interactive digital manuals and online project documents.

Furthermore, each machine features GEA's most advanced process control system. Designed with the user in mind, the MC5i interface is easy to use, intuitive and highly visual, enabling flawless communication between machine and operator. Created to ensure full data and recipe management, all input parameters are transferable between tablet presses running MC5i.

The modular design means that a spectrum of containment capabilities (from dust-tight to OEB 5) is available on a single platform. It's also the first press range to be both wash-offline (WOL) and wet-in-place (WIP) compatible to suit a broad array of customer requirements.

Even at lower containment needs, the enclosed turret concept lowers costs by reducing the area of contamination. The NexGen Press® is also equipped with energy efficient servo motors to minimize water use during washing cycles.

DESIGNED FOR CONTINUOUS OPERATION.

A new combination in the ConsiGma® portfolio is the tablet press with integrated coater, which is compatible with the NexGen Press® range by GEA.

Designed for extensive production campaigns, these units seamlessly integrate into continuous manufacturing lines and can operate in both batch mode and as standalone units.

Coming Soon

Complementing the inaugural NexGen Press® 30, GEA will shortly be introducing the NexGen Press® 45 in 2024 as well as an R&D-scale version and a larger NexGen Press® 75.

The NexGen Press® range is compatible with standard EU and TSM tooling. It also features A2D tooling having a 12mm punch body, able to handle tablets up to 11mm. This allows for 46 stations on the NexGen Press® 30, maximizing output up to 330.000 tablets per hour!

NexGen Press® 30 Specifications

Tooling (EU or TSM)	D	B	BB	BBS	A2D
Maximum tablet diameter [mm]	25,4	16 (L=19)	13 (L=14,3)	1	1
Punch body diameter [mm]	25,4	19	19	19	12
Outside die diameter [mm]	38,1	30,16	24	22	38,1
Die height [mm]	23,81	22,22	22,22	22,22	23,81
Number of stations	23	28	32	36	46
Maximum fill depth [mm]	20	19	19	19	19
Top punch penetration [mm]	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4
Maximum precompression force [kN]	10	10	10	10	10
Maximum compression force	100	100	100	100	100
Maximum output capacity	124.200	201.600	230.400	259.200	331,200
Machine Specifications / Requirements					
Electrical requirements	3 phase+PE – 380V – 480V 50Hz / 60Hz + 2 phase+PE – 200-240V 50Hz / 60Hz (nominal consumption 6 kW; power installed 11,9 kVA)				
Compressed air requirements	Clean & dry; 7-8 bar; 500NI/min peak – 100NI/min average				
Dust extraction requirements	150 m³/h at 15 mbar				
Machine dimensions (doors closed) & weight	W = 1167 mm x D = 1364 mm x H = 2351 mm – 2800 kg				

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курган (3522)50-90-47
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Ноябрьск (3496)41-32-12

Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саранск (8342)22-96-24
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Улан-Удэ (3012)59-97-51
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://gea.nt-rt.ru/> || gsg@nt-rt.ru