

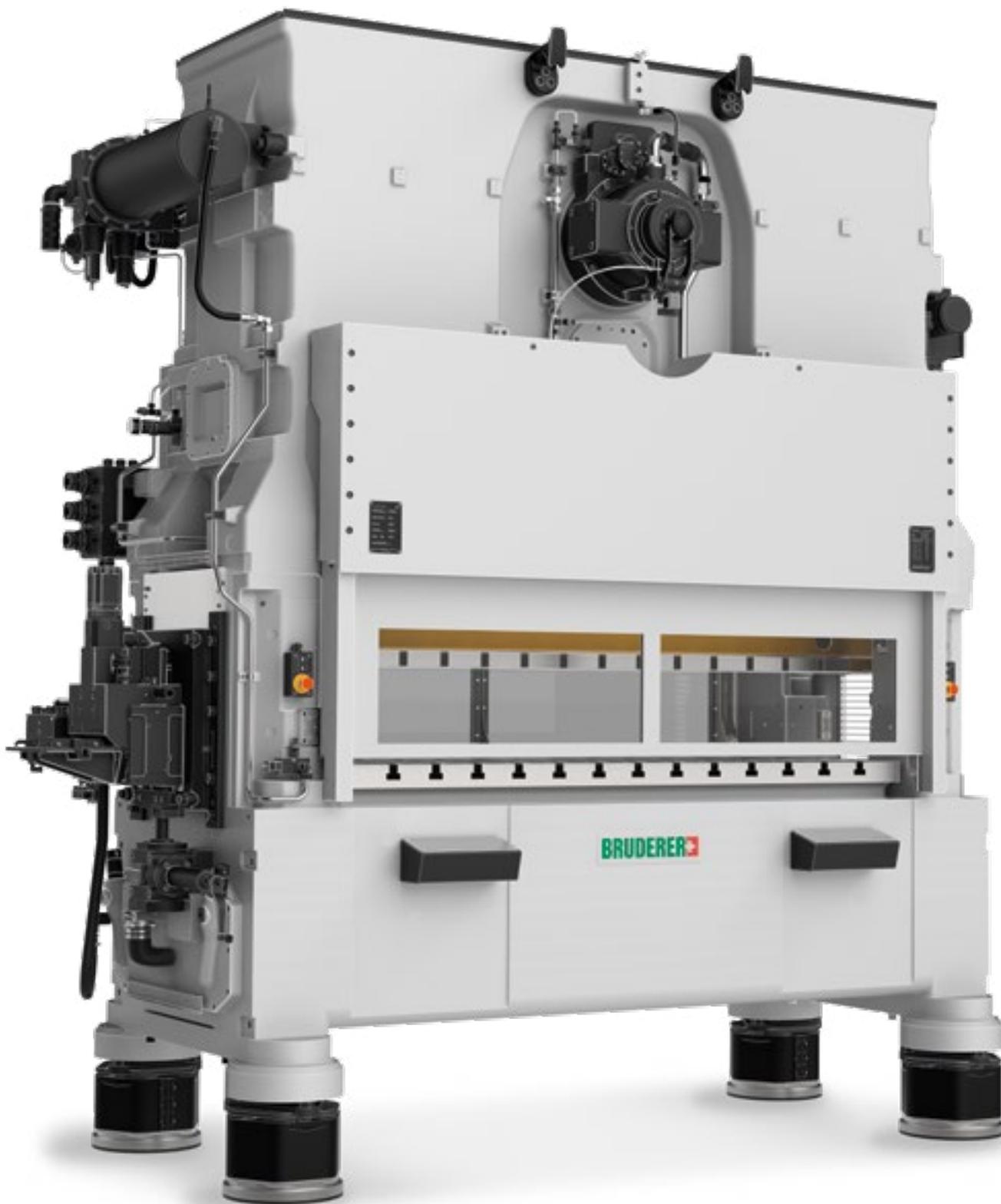
BRUDERER+

PRECISION – SWISS MADE

BSTA 710-220

More space for your productivity.





BSTA
710-220



TOOL LOADING
AREA
2200 mm



STROKE SPEED
Min. 100,
Max. 850 spm



PRESS FORCE
710 kN

Lots of scope created from a wealth of experience.

Every BSTA stamping press is the result of decades of experience. The new BSTA 710-220 with the longest bed length to date in its class incorporates all the proven advantages of a BRUDERER press, allowing precise and productive stamping.

Fewer bad parts

The powerful clutch and brake mechanism delivers good parts from the first to last stroke. The mass balancing and dynamic damping system ensure that no vibrations are transmitted into the stamping process.

Long tool life

The thermoneutral ram guidance with tilting point control at strip level guarantees optimum parts quality and the longest possible tool life.

More process stability

User-friendly cutting-edge control technology with integrated measuring and monitoring functions, micro-tolerances maintained in BDC and ram adjustment during operation provide increased process stability.

Precision engineering

Precision engineering and the unique BRUDERER drive and lever system ensure that the BSTA 710-220 is a reliable, long-lasting investment.

Worldwide service

Our 26 locations, competence centres and distribution partners around the world offer timely technical support, repairs, maintenance and supply of spare parts.

Universal use

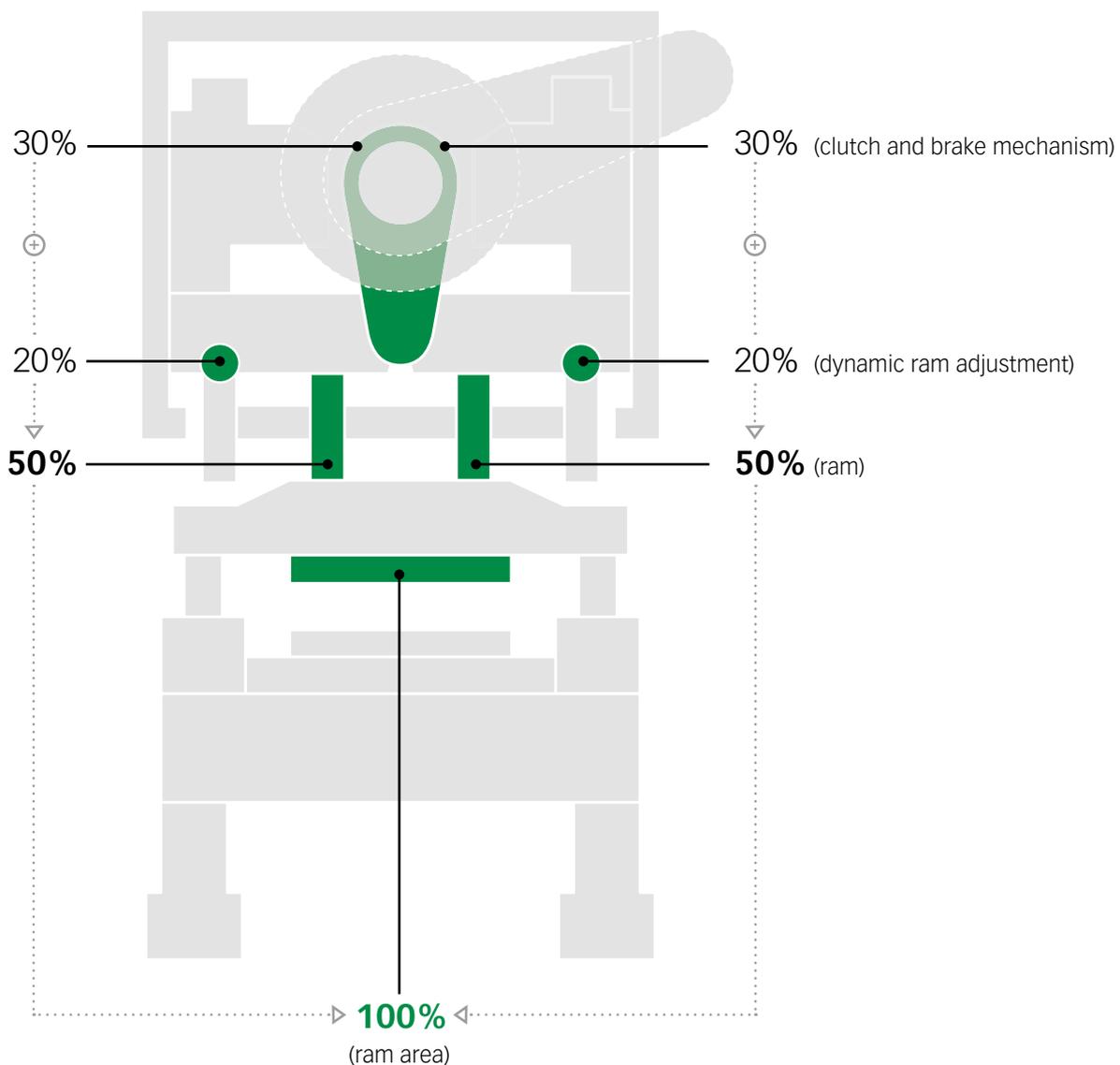
The adjustable stroke range ensures high levels of flexibility for a wide variety of applications.

Quick integration and maximum productivity

Easy attachment of peripheral devices results in quicker integration, allowing maximum productivity.

Power put to work in the right place.

Thanks to the unique lever system of the BSTA stamping press, the load acting on the ram is distributed across the system. This load distribution, together with the absolute minimum clearance and the efficient lubrication system, is the crucial factor in the **high durability and consistent precision** of the machine.



Proven solutions.

Leading companies around the world have come to rely on the advantages that BRUDERER fully-automated stamping presses can provide, implementing their manufacturing expertise with our machines to make high-precision parts for products that have become indispensable in our everyday lives.

Wherever **the ultimate in availability and precision** is required at high and low strokes rates, BRUDERER is there to provide what is needed – for suppliers in the automotive industry, for the manufacturing of connectors for the electronics, electrical engineering and computer industries, for parts for watches and metal packaging for the food industry, to cite just a few examples.

This is how we support our customers, with our expertise and the added precision that our stamping presses provide when it comes to **manufacturing quality products**.



Rotor/stator and transformer laminations



Environmental technology



Connectors



Industrial applications



Semiconductors



Telecommunication

Comprehensive package.

With a BRUDERER stamping press, you not only buy the ultimate in precision and productivity. You also receive the complete BRUDERER service. From stamping trials through to our global service network.



Stamping trials

We offer **stamping trials with your own stamping tools**. A tool trial is the clearest way of demonstrating what can be achieved, and it shows the potential as regards to not only production output, but also component part quality on a BRUDERER press.

Find out more about stamping test trials:
www.bruderer.com/en/service/stamping-trials/



Customer service

You and your machines have to deliver top performance and therefore need an utterly reliable partner. We offer **comprehensive and competent advice** worldwide through our technical helpdesk and support, inspection and maintenance service, guaranteed repairs and spare parts service.

Find out more about our customer service:
www.bruderer.com/en/service/customer-service/



Overhauls

BRUDERER overhauls either entire machines or individual component groups such as feed units. Our products have proven to have a **lifespan of several decades**, even when in constant use around the clock.

Find out more about overhauls:
www.bruderer.com/en/service/overhauling/



Training

We can support you via **practical training courses** that enable you to understand operational features and help you look after your stamping machines and feed units.

Find out more about our training courses:
www.bruderer.com/en/service/trainings/



Service network

You can count on us **around the globe**. Through our worldwide service network, local service partners are always at hand to assist you in your own language.

Find your local BRUDERER contact:
www.bruderer.com/en/company/office-locations/

Your contact at head office can be reached at +41 71 447 75 00

Technical data

BSTA 710-220.

BSTA 710-220

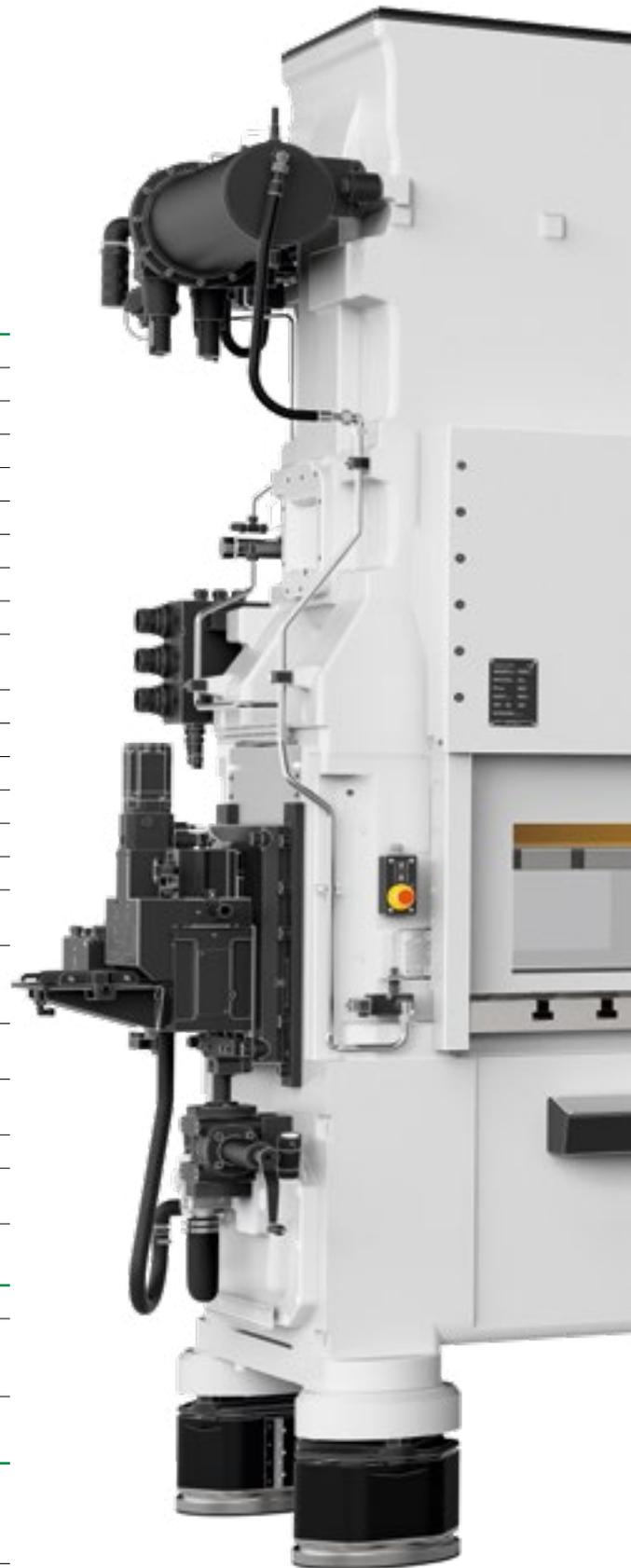
Press force		kN	710
Tool loading area	L - R	mm	2200
Speed	Min.	spm	100
- Adjustable stroke	Max.	spm	850
Mains voltage (EN 60204) ^{A)}		V	400
Mains frequency (EN 60204) ^{A)}		Hz	50 / 60
Connected load ^{B)}	Max.	kVA	105
Control voltage		VDC	24
Drive power of main motor		kW	37
Compressed air connection R 1/2"	Min. Max.	bar bar	7 10
Adjustable stroke (standard)		mm	16 - 63
- Stroke sizes	No.		8
Adjustable stroke (option)		mm	19 - 82
- Stroke sizes	No.		8
Fixed stroke ^{A)}	Max.	mm	82
Ram adjustment		mm	76
Shut height ^{A)} (depending on stroke)	Min. Max.	mm mm	240.5 340
Bolster area	L - R F - B Height ^{C)}	mm mm mm	2190 970 1295
Ram area	L - R F - B	mm mm	2030 510
Strip inlet height	Min. Max.	mm mm	70 160
Strip inlet width (machine)	Max.	mm	490
Base plate opening	L - R F - B	mm mm	2160 250

DIMENSIONS^{D)}

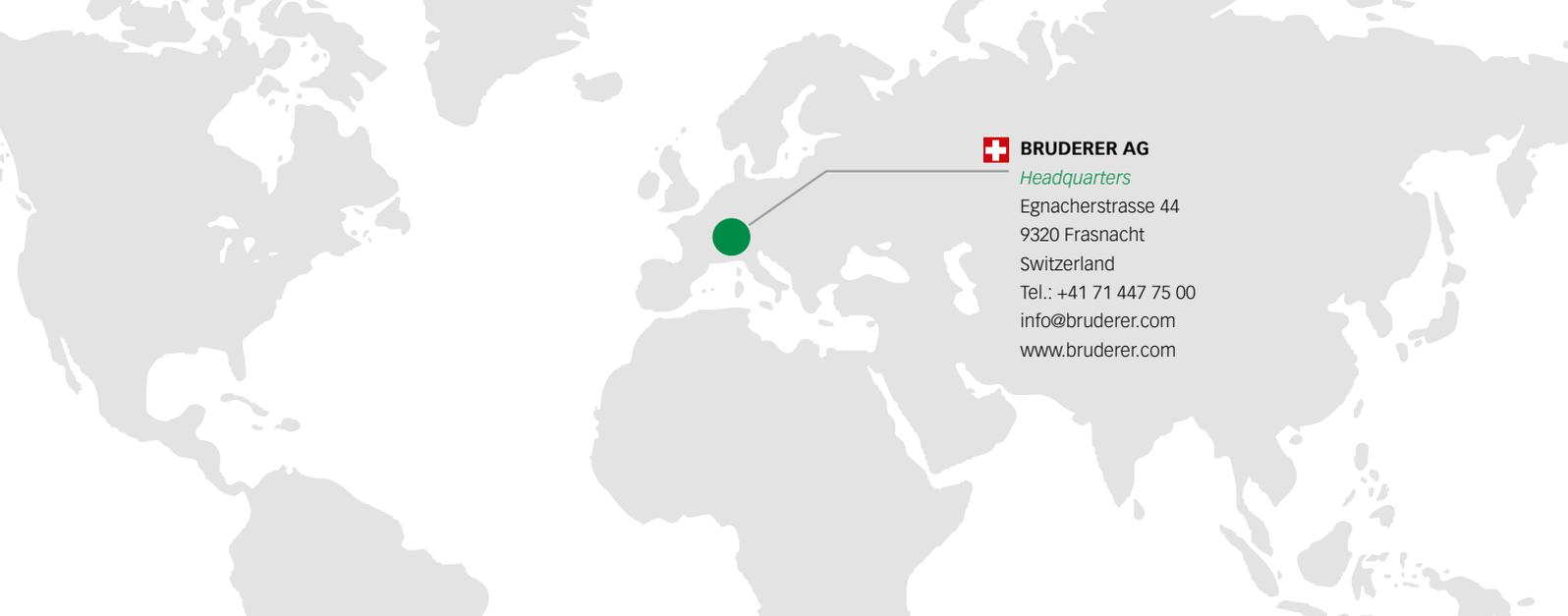
Machine (standard feed unit)	L - R	mm	3842
- automatic stroke adjustment	F - B Height Weight (app.)	mm mm kg	1717 3819 28500

FEED UNITS

	Standard	BSV 300
	Variations	BSV 500 BSV 170 BSV 75



^{A)} Options on request. ^{B)} Incl. standard sockets for peripheral equipment. ^{C)} Above floor level. ^{D)} Without electrical cabinet, oil cooler and peripheral equipment. Subject to change.



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