


MÜLLER x CITIZEN

Partnership // Technology // Range



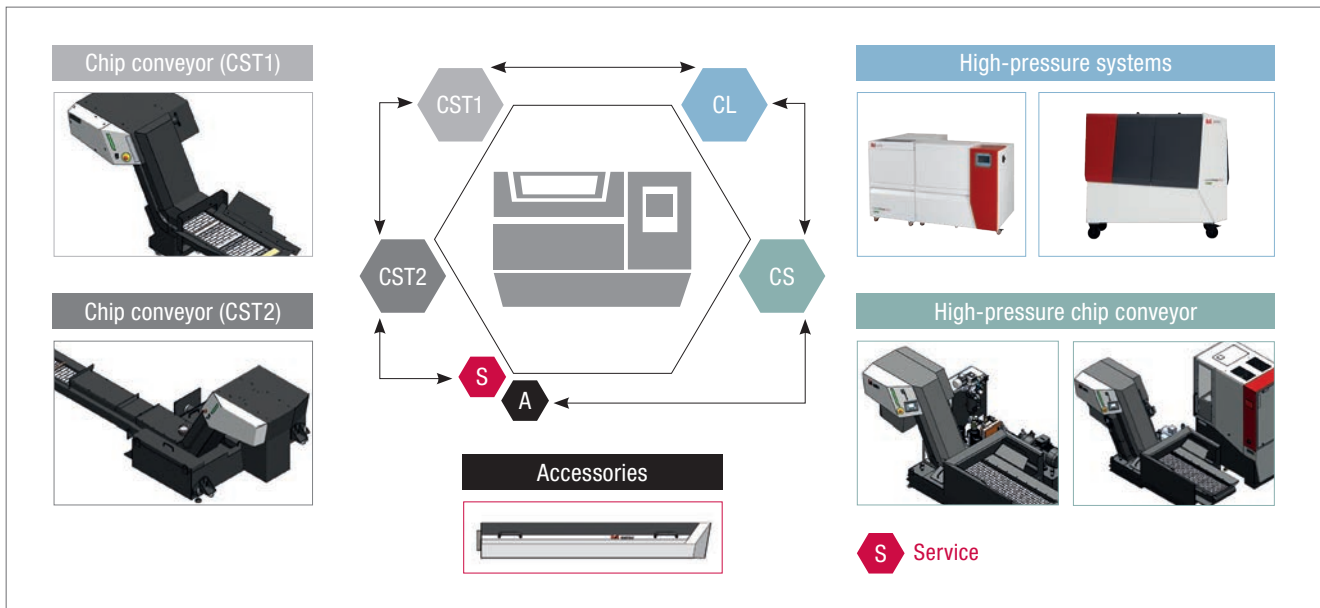
Discover high-efficiency high-pressure systems and chip conveyors for Cincom long-turning and Miyano short-turning lathes



müller
efficiency matters

Maximum compatibility and system partnership

Benefit from unparalleled comfort, simplicity, efficiency, and smoothness through our system partnership. Everything is perfectly aligned and seamlessly integrates.



Müller x Citizen represents development standards and unique customization options through a sophisticated modular system. This collaboration ensures precise adaptation of high-pressure systems to lathes, offering significant benefits in connectivity, operation and service.

~3h

for connection and
commissioning incl.
hose packages

15%

faster training
thanks to
standardization

+20%

efficiency with
a precise interface
fit

i4.0

Surveillance sensors,
tele-assistance and
remote maintenance-
ready

Maximize your efficiency and save thousands of euros in minutes!

Discover the Müller Configurator now: in just 12 easy steps to the perfect high-pressure system for your lathe. End oversizing and efficiency losses!

Use our innovative configurator to enhance your machine tools' performance by thousands of euros. Simple, fast, and precise - tailored specifically to your needs.

For the best machine configuration, scan the QR code and configure your optimal solution now!

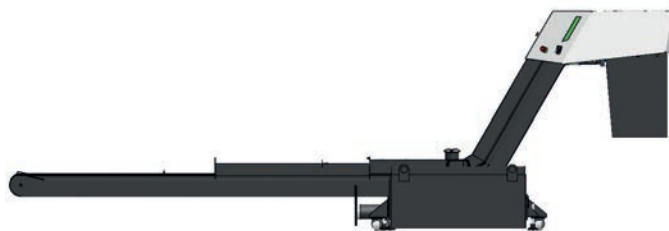


Chip conveyors: Range and technical data

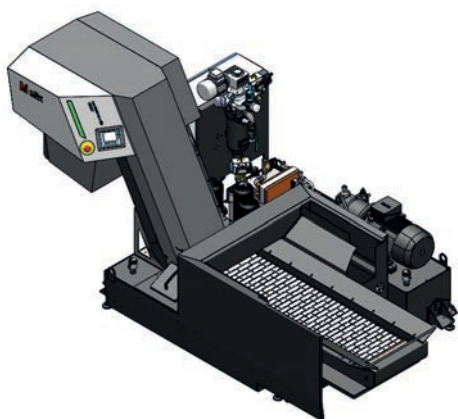
Chip conveyor
chipstream CST1



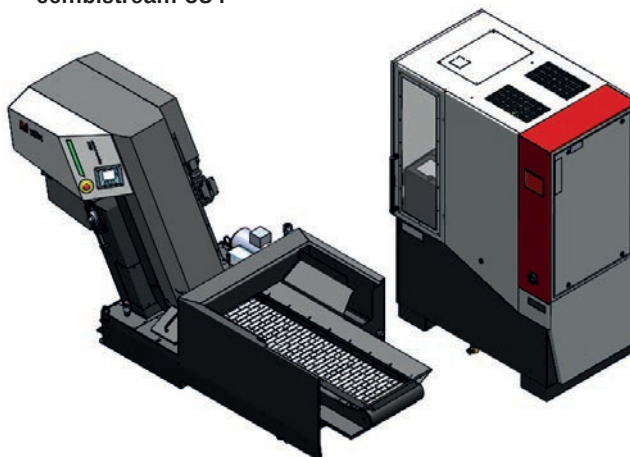
Chip conveyor with additional tank
chipstream CST2



High-pressure chip conveyor
combistream CS3



High-pressure chip conveyor with full-flow filtration
combistream CS4



BK10 / BK11

BK20

BK30 / BK31

*BK11 / BK31: Scraper belt conveyor (not shown) instead of the hinged belt conveyor

	BK10	BK11	BK20	BK30	BK31
Function	Hinge belt conveyor with slot/plate division	Scraper conveyor with 500 µm pre-separation	Dual conveyor with 500 (300) µm pre-separation and automatic discharge	Hinge belt conveyor with slot/plate division and bottom cleaning of the machine tank	Scraper conveyor with 500 µm pre-separation and bottom cleaning of the machine tank
Construction	Configuration as a standard insert conveyor CST1 or in combination with CST2 or CS3	Configuration as a standard insert conveyor CST1 or in combination with CST2 or CS3	Pre-tank + Combo BK10 + Gap sieve 300 - 500 µm with discharge via dual conveyor	Replace machine tank; achieve maximum machine cleanliness via workspace conveyor and bottom cleaning	Replace machine tank; achieve maximum machine cleanliness via workspace conveyor and bottom cleaning
Application	Up to 30% fine chips max. (not recommended for brass, aluminium)	Fine chips only, max. 3-4 mm Ø roughing/rough machining. All materials.	Mixed chips: all chip types, all materials	Mixed chips: all chip types, all materials	Fine chips only, max. 3-4 mm Ø roughing/rough machining. All materials.

Citizen machine allocation

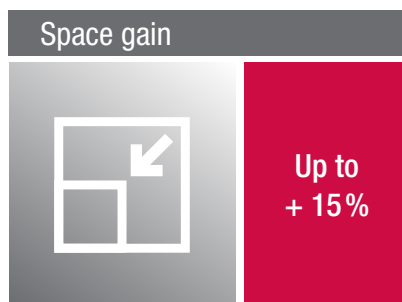
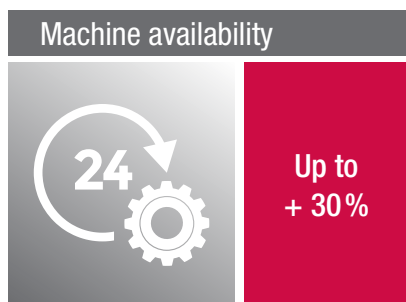
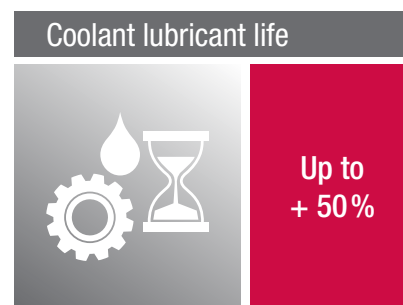
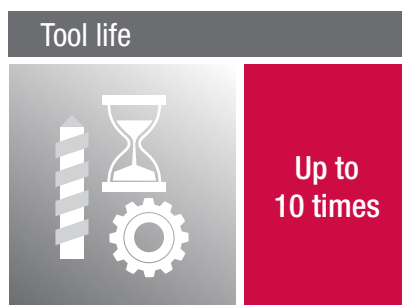
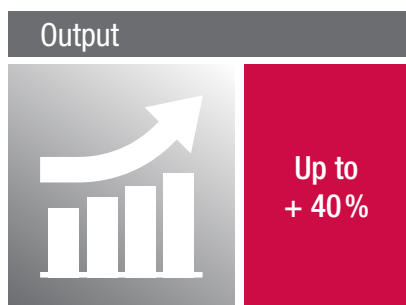
chipstream CST1	L12	B12E	B16E	D25	A20	L20	L32	M16	M32	BNA	BND	BNE	BNJ	ANX	ABX
BK10						●									
BK11						●									
Frequency-directed belt control						●									
chipstream CST2	L12	B12E	B16E	D25	A20	L20	L32	M16	M32	BNA	BND	BNE	BNJ	ANX	ABX
BK10								●						●	
BK11															
BK20														●	
Integrated low-pressure supply															
Frequency-directed belt control								●						●	
Additional tank (as machine or pre-tank)								●						●	
combistream CS3	L12	B12E	B16E	D25	A20	L20	L32	M16	M32	BNA	BND	BNE	BNJ	ANX	ABX
BK10				●	●	●	●	●	●						
BK11					●	●									
BK20										●		●	●	●	
BK30 + self-cleaning low-pressure intake protection				●	●	●	●	●	●						
BK31 + self-cleaning low-pressure intake protection					●	●									
Integrated high-pressure supply				●	●	●	●	●	●	●		●	●	●	
Long parts version					●	●	●	●	●						
Integrated low-pressure supply				●	●	●	●	●	●	●		●	●	●	
Additional tank (as machine or pre-tank)				●	●	●	●	●	●	●		●	●	●	
eco+ maximum energy efficiency				●	●	●	●	●	●	●		●	●	●	
Plate heat exchanger				●	●	●	●	●	●	●		●	●	●	
combistream CS4	L12	B12E	B16E	D25	A20	L20	L32	M16	M32	BNA	BND	BNE	BNJ	ANX	ABX
BK20														●	
BK30	●			●	●	●	●		●						
BK31					●	●	●								
Long parts version							●								
Integrated full-flow filtration	●			●	●	●	●		●					●	
Integrated high-pressure supply	●			●	●	●	●		●					●	
Integrated low-pressure supply	●			●	●	●	●		●					●	
Additional tank (as machine or pre-tank)	●			●	●	●	●		●					●	
eco+ maximum energy efficiency	●			●	●	●	●		●					●	
Plate heat exchanger	●			●	●	●	●		●					●	
Active cooler	●			●	●	●	●		●					●	

High-pressure systems: Range and technical specifications

	CL1	CL2	CL3	CL4
Particularly tight installation spaces 	 	 	 	
Standard installation 	 	 	 	 

	CL1B	CL1G	CL1E	CL2G	CL2E	CL3G	CL3E	CL4G
Washable exchange filter up to 25 µm	•	•	•	•	•	•	•	•
Twin coupling filter washable as exchange filter up to 25 µm	•		•	•	•	•	•	•
Washable cascade filter up to 25 µm						•		•
Automatic filter up to 30 µm						•	•	•
Pure high-pressure filtration	•	•	•	•	•	•	•	•
High-pressure and bypass filtration						•	•	•
Full-flow filtration								•
Up to 4 controllable service connections		•	•					
Up to 8 controllable service connections				•	•		•	
Up to 12 controllable service connections						•		•
High-pressure up to 24 l/min	•	•	•	•	•	•	•	•
High-pressure up to 30 l/min	•					•	•	
High-pressure up to 50 l/min	•					•		•
High-pressure up to 25 bar	•	•	•	•	•	•	•	•
High-pressure up to 70 bar		•	•	•	•	•	•	•
High-pressure up to 100 bar				•	•	•	•	•
High-pressure up to 150 bar						•	•	•
High-pressure up to 300 bar						•	•	•
Integrated tank up to 50 litres					•			
Integrated tank up to 200 litres				•			•	
Integrated tank up to 300 litres						•		
Integrated tank up to 800 litres								•
Under bar feeder positioning			•		•		•	
eco+ maximum energy efficiency			•	•	•	•	•	•
Plate heat exchanger (for external cooling source connection)						•	•	•
Compact active cooler (5.5 / 7.5 / 12.0 kW)								•

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For more information on our benefits, please visit www.muellerhydraulik.de/en or scan the QR code.

Müller x Citizen – Contact



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TICKET-SYSTEM

You can use our ticket system to report your service case online.

For this, please scan the QR code.



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