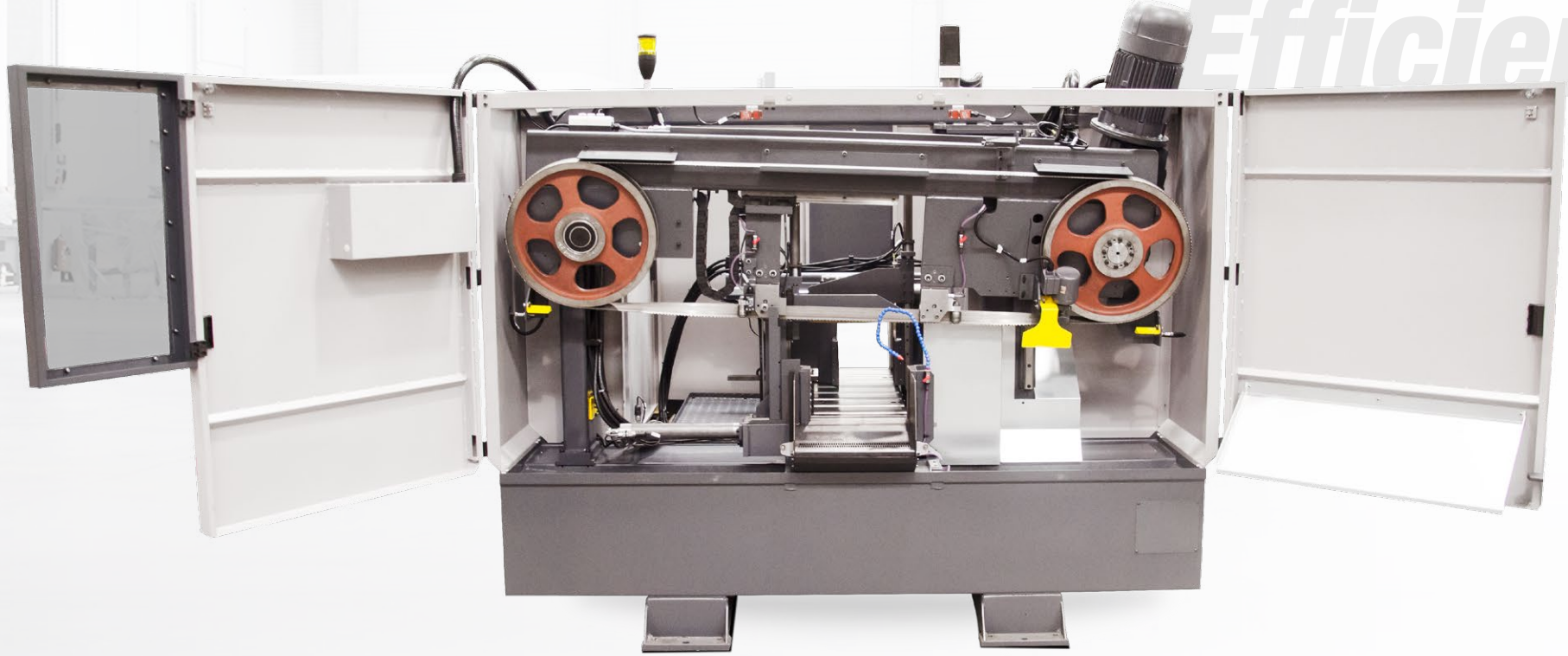
BOMAR®

ProCarbide

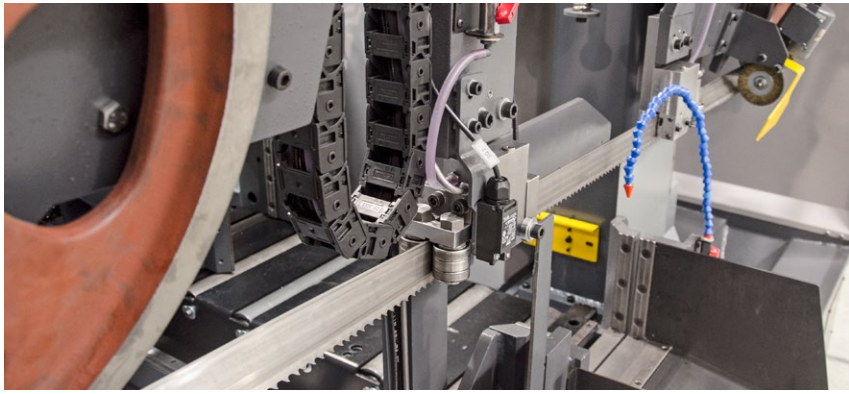


Productive
Efficient

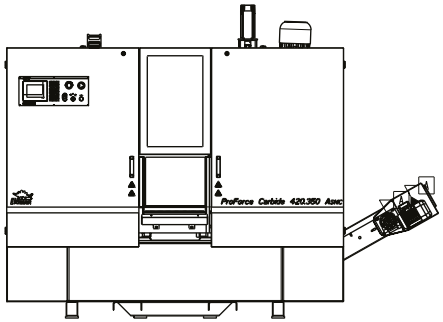


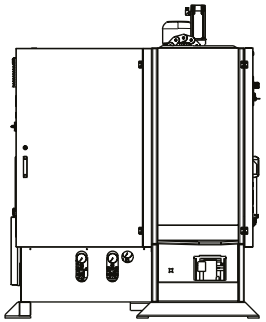
The machine

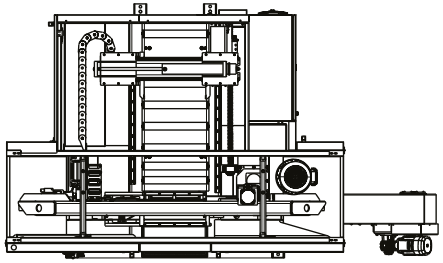
ProCarbide is powerfull and automatic CNC bandsaw prepared for the heaviest productions. Thanks to the special construction of the machine, there is a posibility to keep the highest sawing standards in hardmetal saw-blades usage, what creates very reasonable ratio between speed and quality of cut. Machine is supposed to be a part of bigger lines and cutting centers with a combination of conveyors and cross feeding units. New and more intuitive system provides easy adjustment of the machine through dialog communication.



ProCarbide 350.350 ASNC	0°	350 mm	350 x 350 mm	350 x 350 mm	350 mm
Smallest sawing diameter	ø10 mm				
Shortest remainder length	80 mm - without bundle device / 140 mm - with bundle device				
Saw band dimensions	5640 x 54 x 1,3 hardmetal				
Drive	9 kW, 3 x 400 V, 50 Hz				
Saw band speed	30 - 230 m/min				
Machine dimensions	Length - 2 900 mm / Width - 4 640 mm / Height - 2 260 mm / Weight - 3 700 kg				
ProCarbide 450.450 ASNC	0°	450 mm	450 x 450 mm	450 x 450 mm	450 mm
Smallest sawing diameter	ø10 mm				
Shortest remainder length	80 mm - without bundle device / 140 mm - with bundle device				
Saw band dimensions	5840 x 54 x 1,3 hardmetal				
Drive	11 kW, 3 x 400 V, 50 Hz				
Saw band speed	30 - 230 m/min				
Machine dimensions	Length - 2 950 mm / Width - 4 650 mm / Height - 2 650 mm / Weight - 3 900 kg				
ProCarbide 550.550 ASNC	0°	550 mm	550 x 550 mm	550 x 550 mm	550 mm
Smallest sawing diameter	ø10 mm				
Shortest remainder length	80 mm - without bundle device / 140 mm - with bundle device				
Drive	15 kW, 3 x 400 V, 50 Hz				
Saw band speed	30 - 230 m/min				
ProCarbide 650.650 ASNC	0°	650 mm	650 x 650 mm	650 x 650 mm	650 mm
Smallest sawing diameter	ø10 mm				
Shortest remainder length	80 mm - without bundle device / 140 mm - with bundle device				
Drive	18 kW, 3 x 400 V, 50 Hz				
Saw band speed	30 - 230 m/min				







Productive

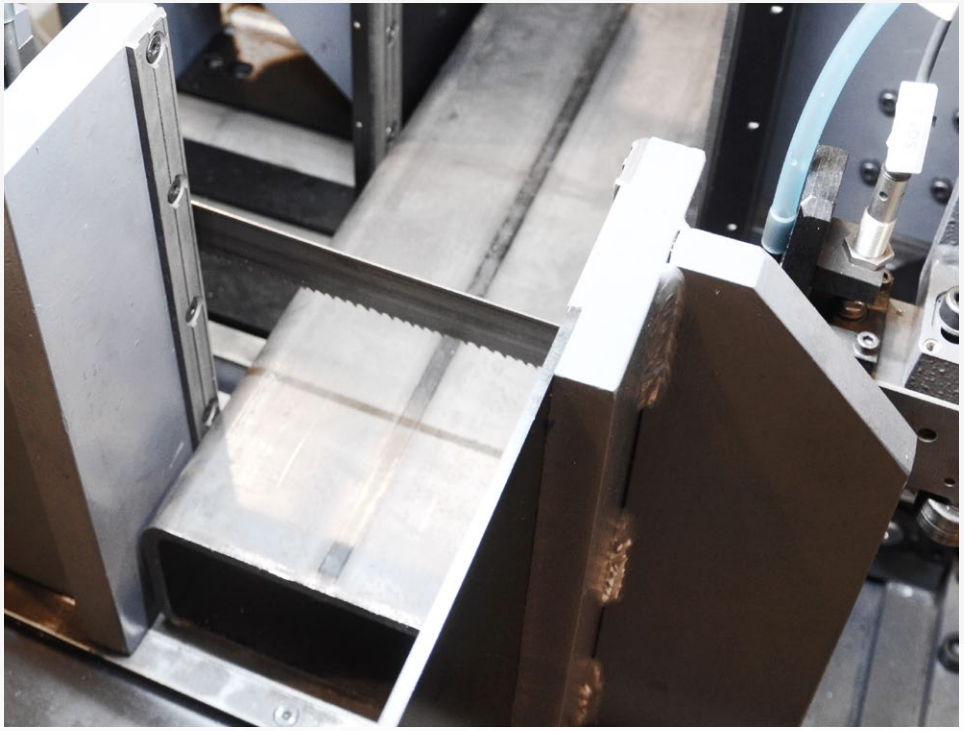
Large touchable and coloured display of control panel is equiped with intuitive and simple control system.





Robust and flexible feeding vice placed on a linear guidance

Precise three-sided hardmetal guidance of saw blade





Both vices (main and feeding) are precise guidance back-lash free



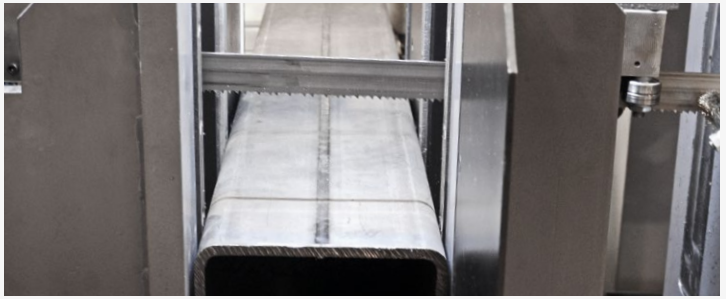
Strong chipbrush is driven simultaneously with saw blade wheel

Innovative parts

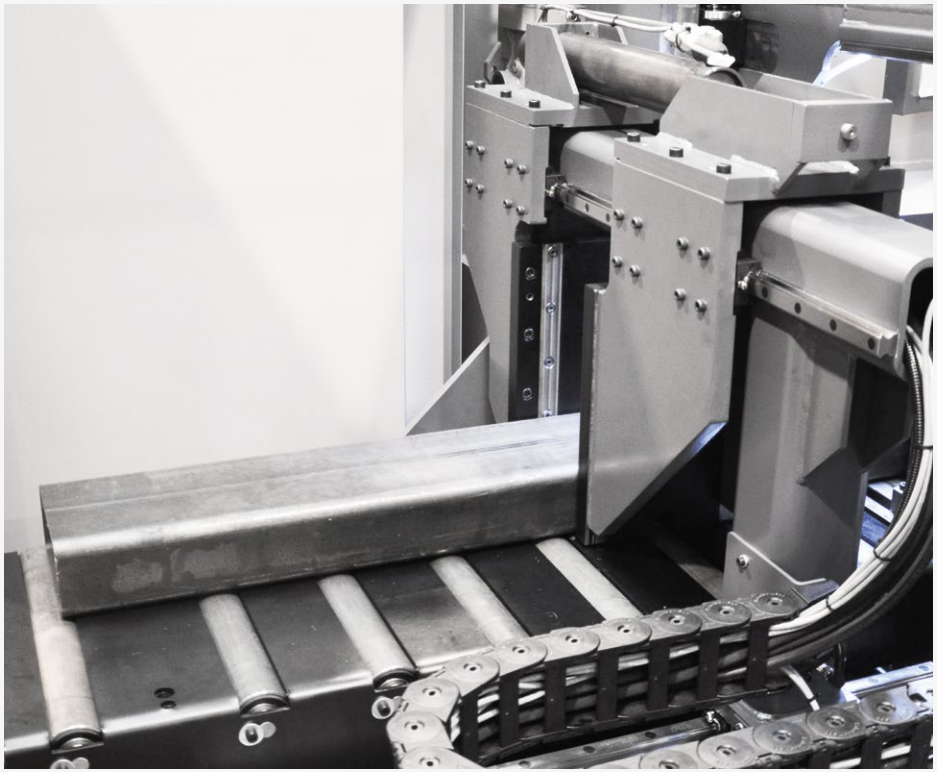
The effective production depends on an effective machines. Machines depends on its parts. This is why we are keeping all parts of our machines still in innovated condition. The same at ProForce. Innovative constrol panel with smart and touch-able display, robust and flexible feeding vice and main vice are just part of it. Each detail of the machine is crafted to its perfection.



All important movements of the saw are driven by servomotors with ballscrew



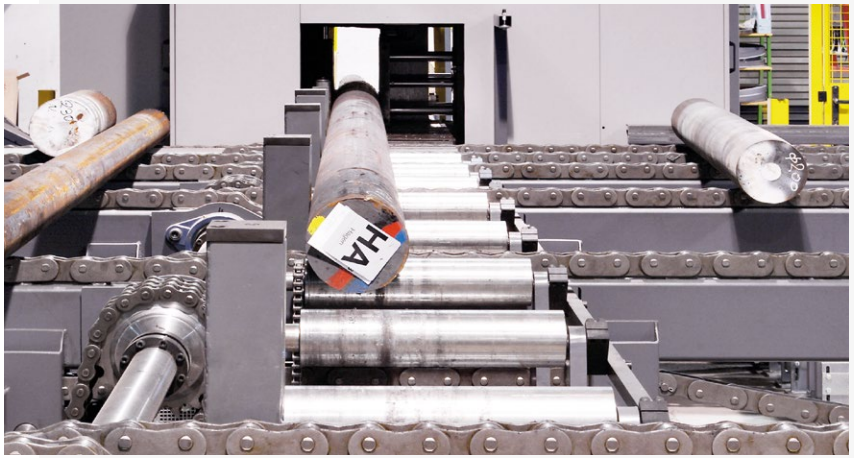






nnovative





Load- and wear-resistant transverse feeding units on the inlet side with high-efficiency drives





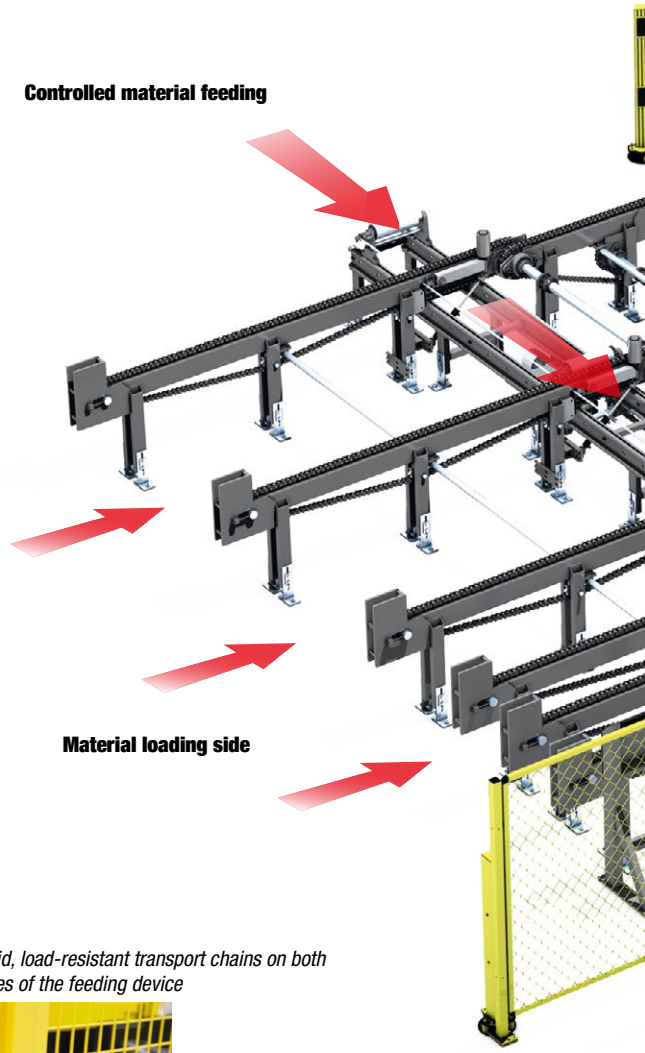




Hydraulically lowered vertical rollers aligned with stop jaws of the vices

Solid, load-resistant transport chains on both sides of the feeding device

Controlled material feeding



Material loading side

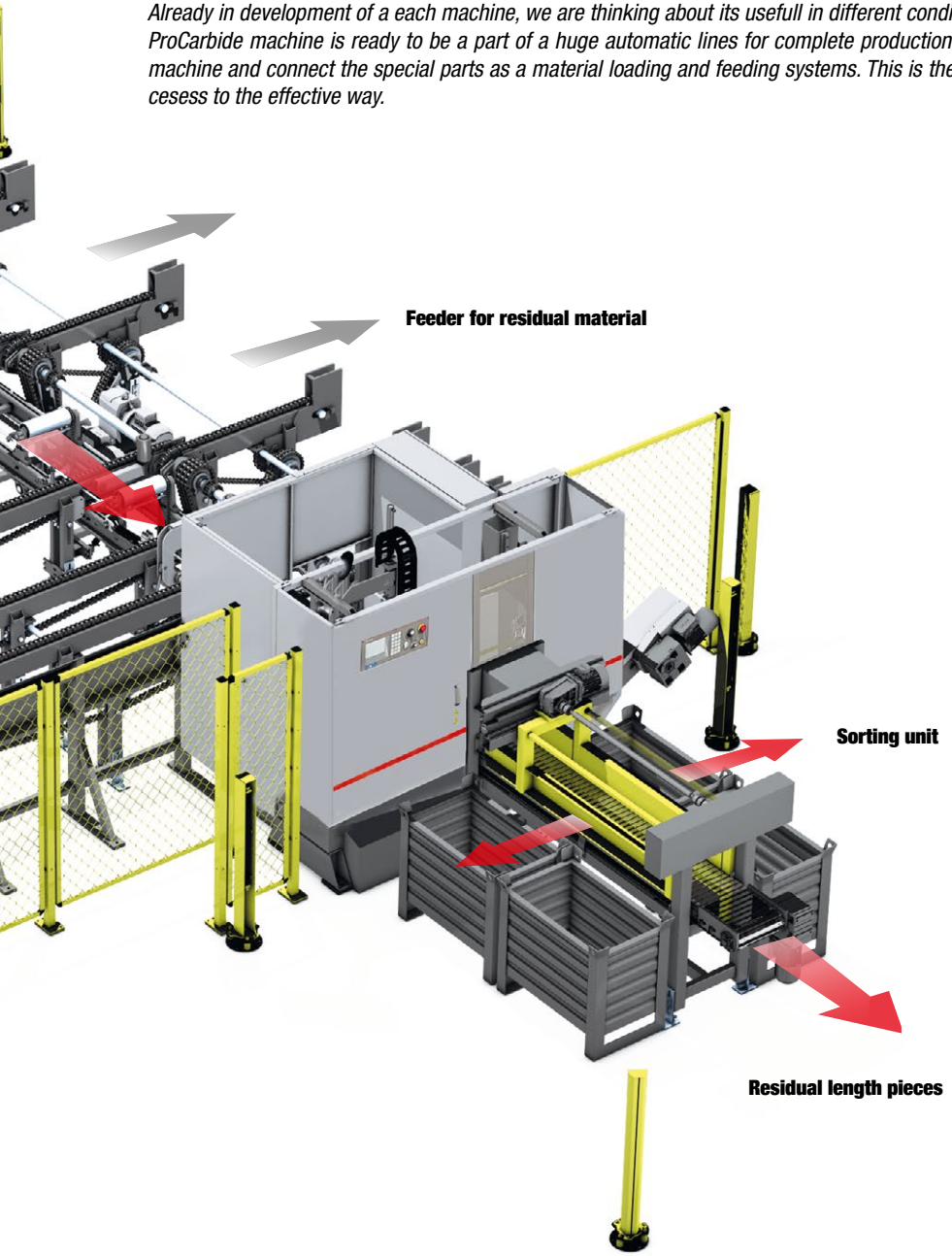


SECURFLEX safety system , combined with grid elements and laser-light barriers

Automation

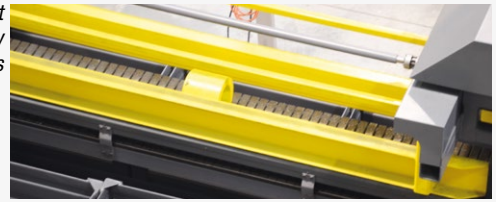
Ready for automation

Already in development of a each machine, we are thinking about its usefull in different conditions and in different productions. The ProCarbide machine is ready to be a part of a huge automatic lines for complete production processes. You can easily extend the machine and connect the special parts as a material loading and feeding systems. This is the way we can turn the production procesess to the effective way.



Effective processes

The electromechanically moved discharge unit provides the safe sorting directly in the programmed storage boxes







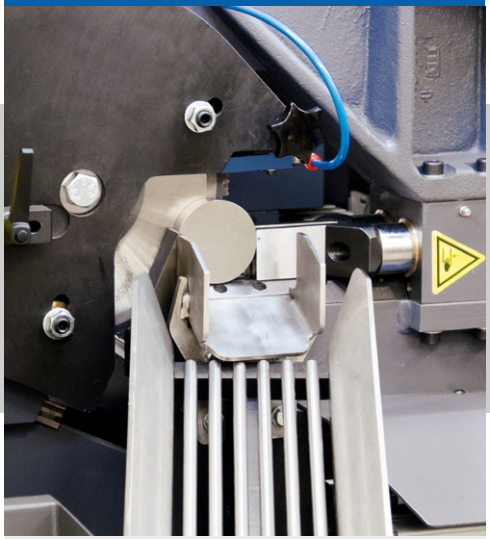
The standard storage boxes for uncomplicated handling

BEC Solution Group

Our company BOMAR, is a member of the BEC group, consisting of BOMAR sawing technology company and CTM drilling technologies. We would like to introduce ourselves as your new partner for all products in the group:



BOMAR



exactcut
high performance circular saws



CTM Austria

www.bomar.cz

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