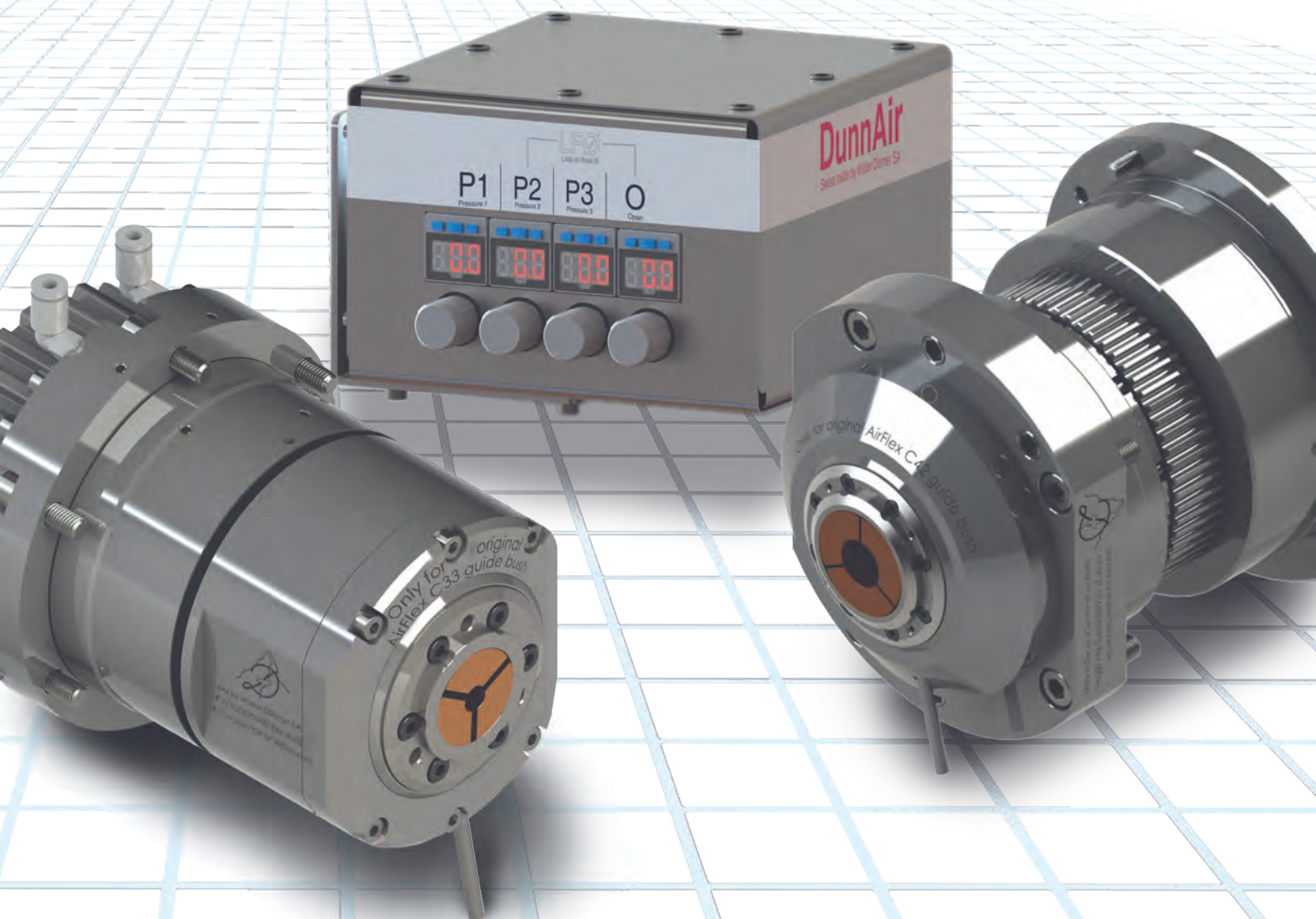


DunnAir



Overcome the limitations of
the traditional guide bush

What is DunnAir ?

DunnAir is designed to replace the original Guide Bushing supplied by the machine builders and to add more flexibility, consistency and ease of use.

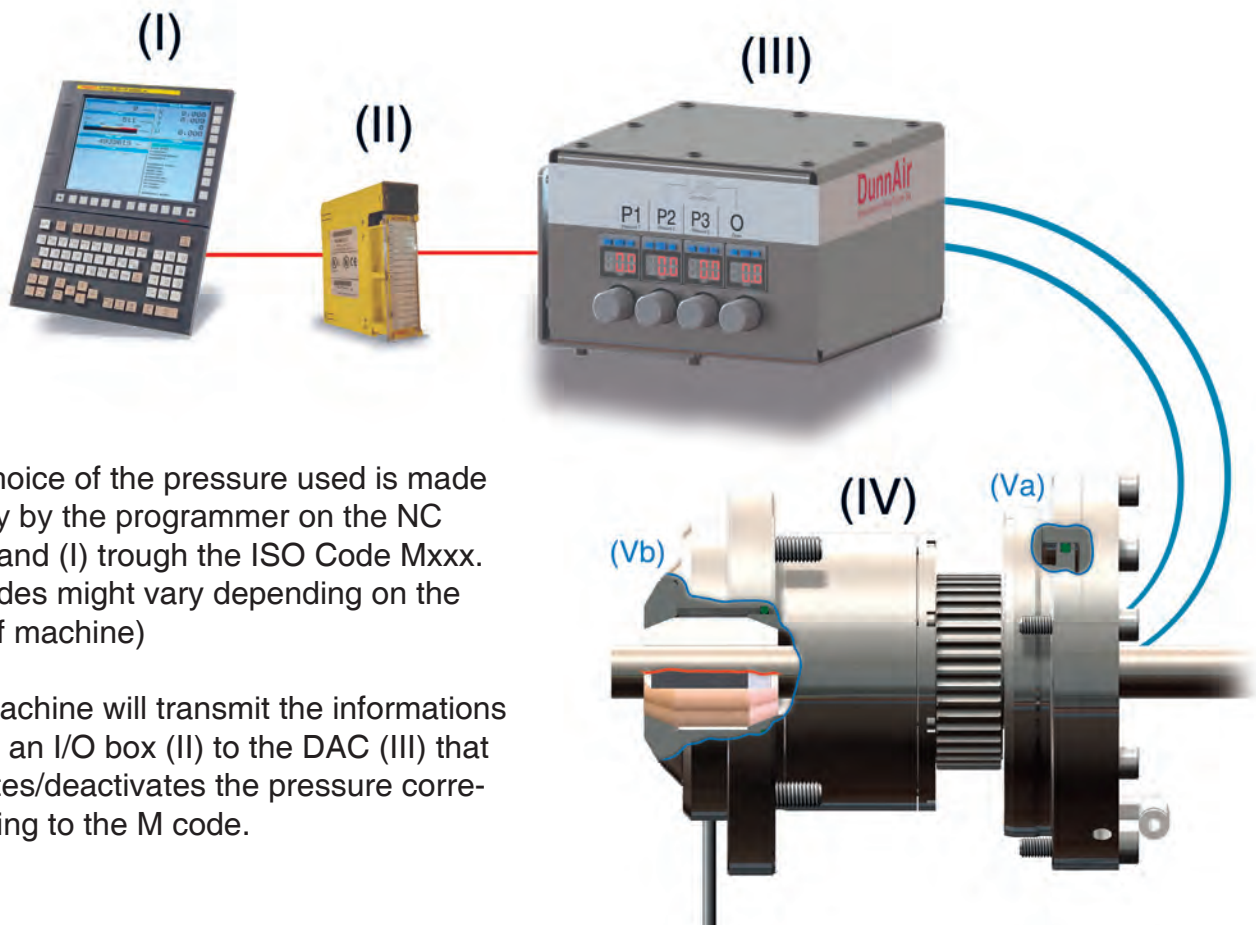
Here are the system advantages:

- Precision grinding is no longer necessary allowing you to save time and money.
- Fine adjustments are no longer necessary, DunnAir is self-adjusting and more consistent.
- The system offers 4 different positions giving you more flexibility and more control.
 - Open, feeding stock and retract remnant.
 - Pressure 1, regular or fine turning. (pre-set pressure)
 - Pressure 2, regular or rough turning. (pre-set pressure)
 - Closed, optimal rigidity for heavy chip removal, milling, drilling.
- The bushing has a diameter range of 0.5mm (0.020"), no need of intermediate sizes.
- DunnAir is controlled by the CNC. You choose the position depending on the application in your programs => Flexibility!
- No more downtime due to variations of stock diameter, DunnAir adapt itself giving you more reliability!
- You can use the same bushing on different brands of machine as long as it is the same capacity.

How does DunnAir works ?

The System uses compressed air to push a piston (Va) of the DunnAir revolving unit (IV), compressed air being "elastic" it allows the guide bushing AirFlex (Vb) to adapt to size variations.

Each 4 positions pressure is independently adjusted with the Digital Air Control (DAC) box (III)



The choice of the pressure used is made directly by the programmer on the NC command (I) through the ISO Code Mxxx. (M Codes might vary depending on the type of machine)

The machine will transmit the informations through an I/O box (II) to the DAC (III) that activates/deactivates the pressure corresponding to the M code.

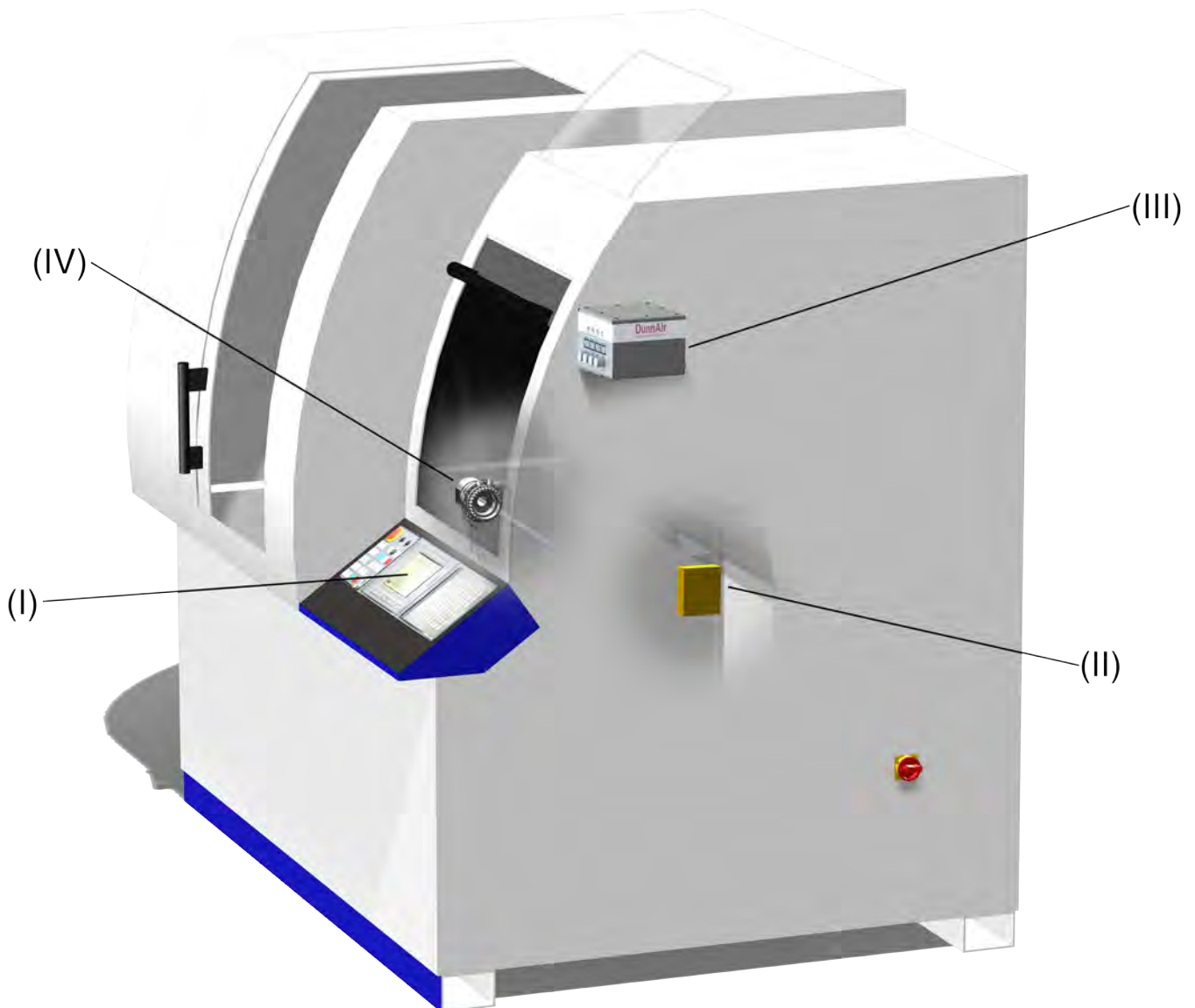
How to install the DunnAir system ?

The installation will be done by a Dunner's certified technician.

Only minimal modifications will be done to the machine and should not affect the manufacturer's warranty.

The setup is done on site. We install the new revolving unit (IV), the DAC box (III).

The DunnAir system requires 4 Outputs. Therefore, the installation includes an I/O module (II).



The first installation, including setup, testing and training can be done in about 10 hours, additional installation could be reduced to 6 hours. The setup varies depending conditions and machine type.

For more information, don't hesitate to contact us or ask a quotation.

Actual DunnAir availability

The DunnAir system is not yet available for all machine types but DUNNER SA is constantly adding new models based on the demand.

If you are interested in this revolutionary system and you do not see your machine in the list below please contact us !

Manufacturer	Machine		DunnAir	
	Type & Generation	Max. Ø	System N°	Airflex N° (Guide bush)
Citizen	L12 Gen.1	12	DAU-CI_L112	N.C.
	M16 Gen.4	16	DAU-CI_M416	C28
	A20 Gen.3	20	DAU-CI_A320	C33
	L20 Gen.2	20	DAU-CI_A320	C33
	D25 Gen.1	25	DAU-CI_D125	C33
	A32 Gen.1	32	DAU-CI_A132	C42
	A32 Gen.2	32	DAU-CI_M432	C42
	C32 Gen.1	32	DAU-CI_M332	C42
	M32 Gen.3	32	DAU-CI_M332	C42
	M32 Gen.4	32	DAU-CI_M432	C42
	L32 Gen.2	38	DAU-CI_L238	C48
Star	SB16	16	DAU-STSB16	C28
	ECAS 20	20	DAU-STSR20R	C33
	SR20J	20	DAU-STSR20J	C33
	SR20R	20	DAU-STSR20R	C33
	SR20RII	20	DAU-STSR20R	C33
	SR20RIII	20	DAU-STSR20J	C33
	SR20RIV	20	DAU-STSW20	C33
	SW20	32	DAU-STSW20	C33
	SR32J	32	DAU-STSR32J	C42
Tornos	Deco 13	13	TODE13	C28
	EvoDeco 16	16	TODE13	C28
	(Evo)Deco 20	20	TODE20*	C33
	Deco 26	26	TODE32*	C42
	EvoDeco 32	32	TODE32*	C42
	Sigma 20	20	TODE20*	C33
	Sigma 26	26	TODE32*	C42
	Sigma 32	32	TODE32*	C42
	Swiss ST 26	26	TODE32*	C42

Caption: Soon available

* Other setting possible on request



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