

original[®]
Finitube 



From its inception up to the present day, the Finitube rightfully stands as one of CIBO's true flagships. Ever mindful of our slogan "*Forward thinking in Abrasive Technologies*", we are nevertheless constantly on the lookout for potential improvements. We linked up the results of extensive market research with feedback from thousands of enthusiastic Finitube users, and this resulted in a wealth of useful user experience which we used in order to reinvent the Finitube from the ground up. No mere copy of its predecessor, but an entirely redesigned and carefully-considered version with a host of new advantages for the user.

As you would expect from Cibo, these changes were not made overnight. Numerous prototypes and intensive testing on the work floor preceded the birth of the new Finitube. Therefore, we are more than proud to introduce you to our brand-new baby.

Please read on at your leisure.



the problem

There are many ways to finish piping constructions - tightly through the bend, slowly following the curve or just straight on. No matter what type of tube or cylinder you have to process, achieving a uniform and consistent finish remains a difficult task. Everyone is familiar with the problem.

Hand-finishing tubes is often a real assault on the muscular strength of many professionals . At the same time, the few machines marketed up to now to help with this task still come with many inconveniences: belts jump off the machine, certain constructions prove inaccessible, some tubes are too small (or indeed too large) in diameter for the piece to be clamped fully or at all, the output from the motor leaves a lot to be desired, the quality of the finish is inadequate, non-uniform or anything except consistent, etc.





the solution

The new Finitube - an innovative and ingeniously designed tool. The concept of this new Finitube is revolutionary. In creating this new design, Cibo coupled the experience of many regular and satisfied users with the application knowledge and know-how of the Cibo engineers. The result: an easy to manoeuvre arm that adjusts with the greatest of ease to thin tubes and large cylinders alike. A harmonious marriage between ease-of-use, innovative architecture and industrial reliability is your guarantee for a fast, perfect finish for every type of tube, cylinder or piping construction.

the concept





Comfortable operation thanks to the ergonomic, rounded handle at the top of the machine.

Bumper function prevents the machine from damaging the work piece.

Drive wheel with V-profile for better grip and cooling of the abrasive belt.

Indestructible multi V-belt with secure slip clutch.

Direct drive ensures extremely supple and quiet operation.

Extremely powerful, high-torque driveline.

Adjustable belt speed.

Protective dust cover balances the machine.

in practice



The bumper function ensures that the guide wheel cannot come into contact with the work piece.



Flanges on the guide wheel offer exceptionally stable belt tracking.

the details

Unique drive system

The most noticeable technical improvement to the new Finitube may well be the directly driven arm on the drive motor. This feature is truly unique. Because of this direct drive, the connection between these components is extremely compact and stable. The abrasive belt is now located in the machine extension and is in perfect alignment with the drive motor. As a result, the belt's movement over any tube or cylinder is very stable and supple. Thanks to this unique architecture, the machine is compact and very simple to operate.

This direct drive system also eliminates unnecessary power transfer points, increasing the durability and reliability of the machine. The power transfer is also much more smooth, even and quiet. Finally, this system also makes the new Finitube considerably easier to maintain.

Extension arm

A foot constructed from impact-resistant plastic is located under the extension arm. This allows you to safely set the machine down, even when the belt is turning, which increases user-friendliness and safety. The interior of this foot is protected by a wear-resistant, quickly exchangeable plate made from hardened stainless steel.

A plastic block with a function as bumper is located at the top of the arm. This mini-bumper is the key to perfectly finishing every desired diameter above 125mm and, at the same time, protects the work piece from potential damage by the machine.

The arm itself has been modified in such a way that it can be opened quickly and easily.



Belt guides

The 3 guide wheels on the New Finitube immediately attract your attention. Each wheel has its own architecture and technical properties. For example, every tread has its own pattern. The 2 running wheels, constructed from hard wear-resistant and break-resistant plastic, have specially designed side flanges. The rubber drive wheel is equipped with smart V-grooves. These grooves become narrower towards the outside.

This unique concept provides the user with several benefits.

First and foremost, the belt tracking is incredibly supple and stable. With this new Finitube, it is virtually impossible for the abrasive belt to disengage from the machine. And this irrespective of the position of the machine or the user and irrespective of the diameter or curve of the tube to be finished. Even a completely inexperienced user can use this machine to finish the most complex constructions effortlessly. The V-grooves ensure perfect traction without slippage and a cool working temperature which considerably extends the life of your abrasive belts.



The rounded handle

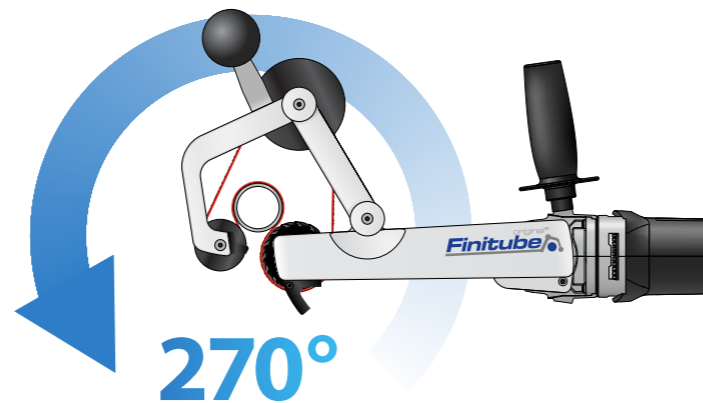
Perhaps it has already caught your eye: at the front of the New Finitube, there is a rounded handle. This is extremely easy to operate regardless of the position of the operator. Thanks to the carefully-selected position of this rounded handle, less strength is required to engage the arm fully from now on. The shape of the ball and its position further ensure that the user will, almost without thinking, clamp any tube as far around as possible regardless of its diameter.

the details



270°

With most standard tube diameters, you have an immediate range of no less than 270° and, with one extra movement, you quickly and easily reach the full 360°.



The multi V-belt

The powerful, 1.200 watt drive motor has a double gear transmission with tremendously high torque. To transfer this power to the abrasive belt, a quasi-indestructible Multi V-belt with built-in slip clutch is used.

Because the slip torque of this drive system occurs just before the machine reaches its highest torque, both the motor and the operator retain maximum protection.

in practice

The New Finitube really is suitable for all tubes, cylinders or pipe constructions - steel, stainless steel, aluminium, plastic, wood, large or small diameters; even oval, open, closed, straight or curved. Anything works.

The most popular applications for the New Finitube include finishing stainless steel handrails, balustrades, decorative furniture, street furniture, industrial piping, etc. But also for more exotic applications such as the finishing of aircraft wings, tank trucks, looms, hydraulic cylinders, yacht masts, etc., this tubing champion is most certainly up to the job.

In addition to high-gloss, functional and decorative finishes, the new Finitube also handles more difficult tasks, such as deburring or grinding away welding seams, with equal ease. And you will also find the Finitube to be your reliable ally when removing rust and layers of paint or varnish.



the set



DESCRIPTION



Motor and Finitube-arm	1	–
Belt Surf. Conditioning 675x40 RC1-Coarse	1	VT/RC1/675X40
Belt Surf. Conditioning 675x40 RC2-Medium	2	VT/RC2/675X40
Belt Surf. Conditioning 675x40 RC3-Fine	1	VT/RC3/675X40
Sanding belt 675x40 grain 120	2	JF4T/120/675X40
Sanding belt 675x40 grain 220	2	JF4T/220/675X40
Sanding belt 675x40 grain 320	2	JF4T/320/675X40
Trizact™ belt 675x40 grain A45 (=grain P400)	1	217EA/45/675X40
Trizact™ belt 675x40 grain A30 (=grain P600)	1	217EA/30/675X40
Micro Finish belt 675x40 grain 240 (=grain P1200)	1	MF/240/675X40
Micro Finish belt 675x40 grain 320 (=grain P1800)	1	MF/320/675X40
Tex sheet 170 x 158 AVF Soft-Very Fine	4	T/AVFSOFT/170158
Tex sheet 170 x 158 SUF1000-Ultra fine	4	T/SUF1000/170158
Abrasive gum 60	1	FORU/60
Inoxiclean spray can	1	SPIC
ORDER NO. SET		SMFTNA

the consumables

FINITUBE - endless belts

DIM.

TYPE

GRIT



ORDER NO.

	675X40mm	Surface Conditioning belts	RC1	10	VT/RC1/675X40
			RC2	10	VT/RC2/675X40
			RC3	10	VT/RC3/675X40
		Tex belts	AF	10	TP/AF/675X40
			SUF	10	TP/SUF/675X40
			AVF	10	TP/AVF/675X40
		Alox. belts	60-80-120-150-180-220-320-400	10	JF4T/#/675X40
		Zirconium belts	80-120	10	TZ59/#/675X40
		Micro Finish belts	240 (1200)-320 (1800)	10	MF/#/675X40
		Trizact™	A16-A30-A45-A65	10	217EA/#/675X40
			A6-A16-A30-A45-A65-A100-A160	10	237AA/#/675X40
		Polishing belt	–	10	VT/T00/675X40
		Multi V-drive belt	–	1	SMFTNA/R

