

Improved and Renewed Miniflow

Launch of new and improved version of MiniFlow Rapid.



We are now launching a new and improved version of the MiniFlow Rapid. The changes are mainly on the front/control panel. The three-way air valve has been moved completely to the left to make room for a needle valve for fine adjustment of air pressure. Furthermore, the manometer (bar) is now placed next to the pushing power scale. These changes mean that the operator can read the variable values without moving his eyes from one side of the machine to the other. We have also improved the adaptor plates and the digital counter - read more in the right column.

The popular MiniFlow Rapid has been on the market since 2011 and has undergone continuous development and improvement. With the new 2016 edition, we introduce a number of improvements, which many users will appreciate.

Better Adjustment

The three-way valve for adjustment of air pressure/release of pressure in the connected ducts is now supplemented with a needle valve for fine adjustment of the supplied amount of air/pressure. The result is longer blowing distances, especially for thin fiber cables, as it is easier to avoid back pressure in the ducts. Experience tells us that when operating with the three-way valve alone, the unexperienced operator often tends to turn on too much air too early in the process. This can easily create back pressure in the duct

in front of the cable and, obviously, reduce the blowing distance.

New Control Panel

To make room for the new valve, we have redesigned the control panel. Both air valves are now placed to the left, whereas both reading units are gathered to the right. The manometer for air pressure is placed right next to the pushing power scale. A positive step as the operator needs not move his eyes from side to side to read the variable and important values of supplied air pressure and kilo pressure on a given cable. Furthermore, the new model features improved adaptor plates with an even better hold of thin-walled microducts. Last, but not least, the new MiniFlow Rapid is fitted with an improved version of the popular digital counter for speed and distance. The new model is already in stock, ready for immediate delivery.

Improved Adaptor Plates



On several markets, we have seen the use of a new type of (very) thin-walled microducts, primarily with outer diameters of 10 mm and 12 mm.

The new microducts are characterized by very thin material, and at the same time, they are comparatively soft. Therefore, it can be quite difficult to get sufficient hold of these microducts with the adaptor plates used till now. Bearing in mind that they were developed for thick-walled microducts, they actually do a good job, but when blowing in warm weather and maybe with a pressure of 15 bar, there is an enormous pressure in the junction block and thereby in the microduct. In addition, when the compressor supplies very warm compressed air, it can be quite challenging to hold on sufficiently to the new type of microduct. Fremco solved this challenge by changing the design of the fixing groove in the adaptor plates. As you can see in the picture, there is a kind of bulge in the middle of the fixing groove. In the bulge, there is room enough for the microduct to expand when it gets warm. This way, the microduct forms its own barb like a small balloon and remains securely locked in the adaptor plates. In future all adaptor plates will come with the improved fixing groove.

Improved Digital Counter



The digital counter introduced in 2014 has been further improved. The whole unit is now even more dependable in extreme climate, primarily due to a newly designed cover. The sealing of the new cover is better on the outside and the inside, and it makes the whole unit more resistant to high hydrostatic head. The new model replaces the one used till now. Moreover, the mechanical counter will be completely discontinued and replaced by the new digital counter.

Organizational Update

Thanks to daily persistent efforts the Fremco business is growing. To support the growth and the ambition of being an innovative partner for the reseller network, we would like to inform you about Fremco organizational updates:

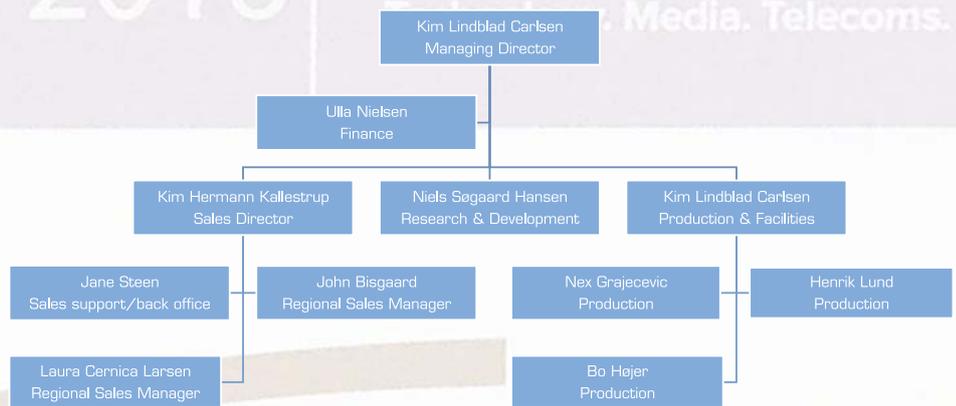
Niels Sjøgaard Hansen bought Fremco in 2007 and founded Fremco A/S. Niels has a passion for product development, and to support the business and benefit from Niels' passion for product development, we have decided to promote Niels from 1st May 2016 to Director of Research & Development.

From 1st January 2016 Niels has decided to start a generational change in Fremco A/S. Morten Tygesen, Morten Ringkjøbing and Kim Lindblad Carlsen are therefore included among the owners as minority shareholders.

Kim Lindblad Carlsen is from 1st May 2016 promoted to Fremco Managing Director. Kim started in Fremco on 1st September 2015 as responsible for Production & Facilities.

Kim Hermann Kallestrup is from 1st May 2016 given position as Fremco Sales Director. Kim has several years of international experience within the field of technical sales and marketing.

Laura Cernica Larsen is from 1st June 2016 given position as Regional Sales Manager. Laura leaves a position as Area Sales Manager at Epoka A/S. After the introduction program, Laura will take over the responsibility for selected markets.



Overview of Fremco Organization from 1st June 2016.



Kim Lindblad Carlsen is from 1st May 2016 promoted to Fremco Managing Director.



Kim Hermann Kallestrup is from 1st May 2016 given position as Fremco Sales Director.



Laura Cernica Larsen is from 1st June 2016 given position as Regional Sales Manager.

And the winner is...



Not everyone could participate when this picture was taken. From left: Kim Hermann Kallestrup, John Bisgaard, Kim Lindblad Carlsen, Bo Højer, Jane Steen, Laura Cernica Larsen, Nex Grajecevic and Henrik Lund.

"FREMCO - the Most Innovative Fibre Cable Blowing Equipment Company 2016."

Since the mid '90s Fremco has specialized in the development and production of fiber blowing machines of exquisite quality. Over the past two decades, Fremco has accumulated huge specialized knowledge of blowing techniques, and today the firm offers a vast range of products covering

all dimensions of fiber cables and ducts. Fremco continues to develop the best products in close collaboration with customers, duct manufacturers and cable manufacturers worldwide in order to achieve its mission: to offer the best and most user-friendly solutions. Our clients consist of the major telecommunications companies or energy companies, and we collaborate with them to ensure that our

products exactly meet their needs. Everything we do here at Fremco is designed with our customers in mind. Our machine range has been developed in accordance with the needs of our customers' local requirements around the world, and we include a 36-month warranty with all our blowing machines to ensure full customer satisfaction.

Looking ahead, Fremco is committed to a program of continual product development in order to provide clients with optimal solutions. Receiving the reward from TMT "Most Innovative Fibre Cable Blowing Equipment Company 2016" based on the votes from the fiber business, motivates us even more to follow our strategy/vision: "Fremco - Your Best Solution."



FTTH Connect in Nashville



There are of course lots of music in Music City, but now also an extensive fiber network on the way.

In co-operation with our US resellers, Fremco participated in the FTTH Connect, North America's biggest specialized conference within the field of fiber and broadband.

The conference was held at Gaylord Opryland in Nashville, Tennessee, and included many interesting presentations, all confirming the ongoing heavy investments and the significant development within the field of broadband in the US.

A few examples:

Heather Burnett (CEO of FTTH North America) inaugurated the conference with a good and positive speech about the great impact broadband has and especially will have on the US economy. Quote:

"In 5 years, half of the North American homes will have access to min. 1 gigabit".

Chris Levendos (Head of Network and Operations by Google Fiber) presented an updated map of cities offering 1 gigabit download..

"There are currently 19 Gigabit Cities and more cities to come".

Ted Townsend (Chief of Staff, Economic and Community Development in Tennessee) made a long presentation of the plans of the state of Tennessee, and he concluded their reason for

strengthening the broadband network as follows:

"The most important tool to create economy is to create jobs"

"The most important tool to create job is to create Broadband"

"Broadband is the solution to secure growth."

Most US fiber installations are attached to utility

poles or buried in the ground. But there is no doubt that future installations will be based on buried/built-in multiducts and microducts with optical fiber all the way to the individual users.

We can conclude that also the Americans show interest in and have a need for Fremco's fiber blowing equipment to meet the great demand for fast broadband.



Here's the proof. Google Fiber is in the process of deploying fiber networks in several states include Tennessee.



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