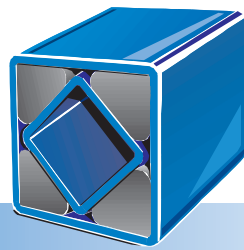


ROSTA



Info

Quarterly published customer information of ROSTA AG, CH-5502 HUNZENSCHWIL

No. 2/2003

30 years of ROSTA participation in the Hanover Trade Fair

A company steeped in tradition presents its range of ingenious products from their best side!



How ROSTA presents itself today

A ROSTA stand 30 years ago

From the 7th to the 12th of April 2003, ROSTA AG will be presenting its products at the biennial trade fair "Drive – Control – Move" in Hanover for the 16th time. 30 years of trade fair participation at what is probably the most visited trade fair location in the world have opened up the global market for the ingenious blue elements from ROSTA.

DRIVE!

A constant spirit of innovation, paired with a tiredless urge to carry out new developments drives us on to always be at the state-on-the-art.

CONTROL!

The fascination of technology inspires our whole team, from the sales front, through the Engineering and up to the Administration, and steers the ROSTA boat confidently into the future.

MOVE!

Our wealth of ideas is inexhaustible. ROSTA elements bring machinery, apparatus and complete installations in to movement – yesterday, today and also tomorrow!

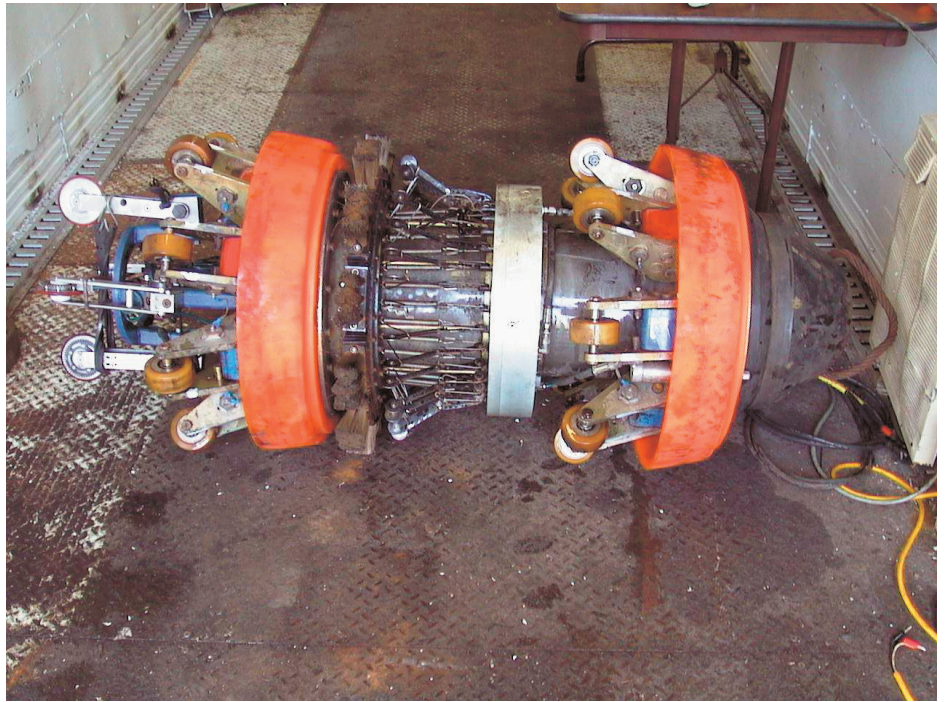
The intelligent „Pipe Pig“ . . .

. . . rolls through oil pipelines worldwide on ROSTA suspensions!

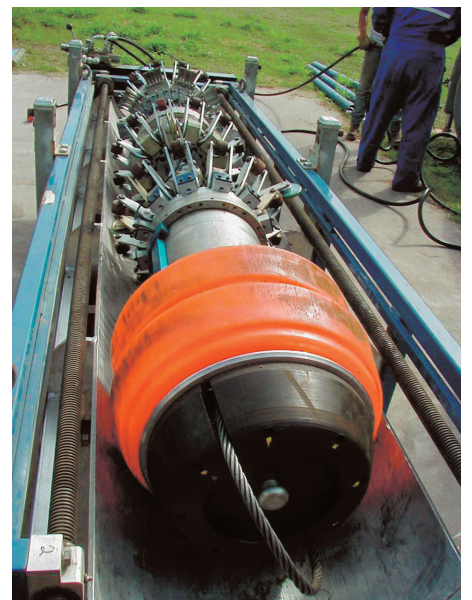
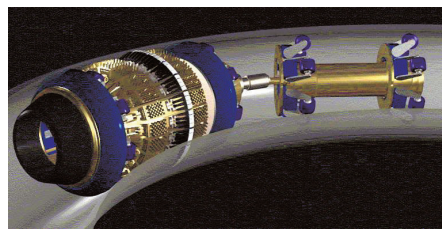
Just imagine the device known to oilmen as the “Pipe Pig” sliding through a 250 kilometre long pipeline; turning and twisting through the greasy pipe under the pressure of the oil flow, gliding up gradients and racing down descents – until it reaches its distant goal, the next pump station. During this wild roller-coaster ride, the Pipe Pig checks every square centimetre of the pipe surface to see whether corrosion has formed due to condensation or whether cracks have formed as a result of earth movements. The „Pig” notes every case of irregularity in its electrical circuits and, at the end of its run, delivers a detailed travel report to its owner, on the basis of which any necessary repairs can be quickly initiated.

The **BJ Pipeline Inspection Services**, domiciled in Canada, in Vancouver, and the leading company worldwide for oil pipelines inspection services, is very pleased with the ingenious development of its intelligent „Pipe pig”, which examines the condition of the pipeline with very sensitive detectors. Nothing escapes the attention of the „Pig”, and, after its run, it delivers a comprehensive status report.

For more than ten years, ROSTA has been delivering vital accessories for this detector unit. On the thick collar perimeter of the „pig”, ROSTA Type DR 11 rubber suspension elements press a total of 72 electronic sensors on to the internal curvature of the pipe, which analyse its condition. In order to centre the equipment inside the pipe, there is a ring with ten pressure rollers at both the front and the rear circumference,



Who said that pigs cannot fly?! The “Pipe Pig” with its ROSTA element suspension flits through the pipelines at 30m/sec or 108 km/h, while recording up to 1,500 pipe status values per second.



which guide the floating detectors safely through the turns of the pipe. ROSTA Type DR 60 rubber suspensions provide the drive and guidance pressure necessary for this. It goes without saying that both the DR 11 and the DR 60 are equipped with oil-resistant rubber.



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ROSTA Inc., Canada



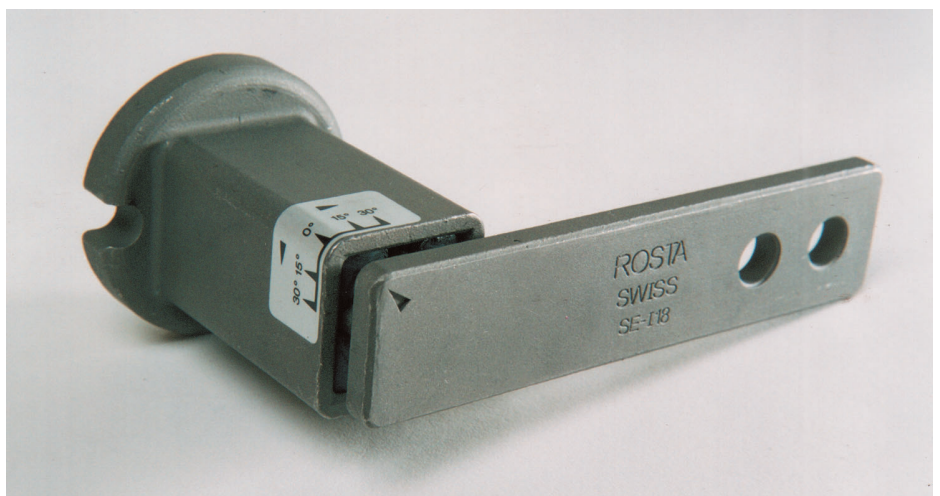
Insertion of the „Pig“

INNOVATIVE PRODUCT

ROSTA Type SEI tensioning elements from stainless cast steel!

ROSTA has been offering tensioning elements in stainless steel material (AISI 304, DIN 1.4301) for more than ten years. Up to now, however, the foodstuff and pharmaceutical industries have only made a tentative use of these components. The reason: the price is too high! More expensive than standard components by a factor of 4! The welded INOX housings require machining, which drives up the final price. In addition, these INOX tensioning elements have never been produced in large series.

On the new SEI 15, 18 and 27, both the housing and the tensioner arm are manufactured from stainless cast steel (AISI 304, DIN 1.4308). With the exception of the cutting of the mounting thread, no mechanical work has to be carried out on a tooling machine. The multiplier for the INOX model for the SEI 15 and SEI 18 is



at the remarkable factor of x2 compared to the standard components; only the SEI 27 lies a little higher. We have also carried out large series runs for these three tensioning types. All three tensioning elements are immediately deliverable ex

stock (the tensioning element size SEI 40 is still available in the welded version, and the price remains unchanged).

Exhibition participation of ROSTA in spring 2003



Hanover Fair, DE-Hanover
as from 7th until 12th April 2003
Booth: Hall 25, Booth D28
ROSTA AG
CH-5502 Hunzenschwil

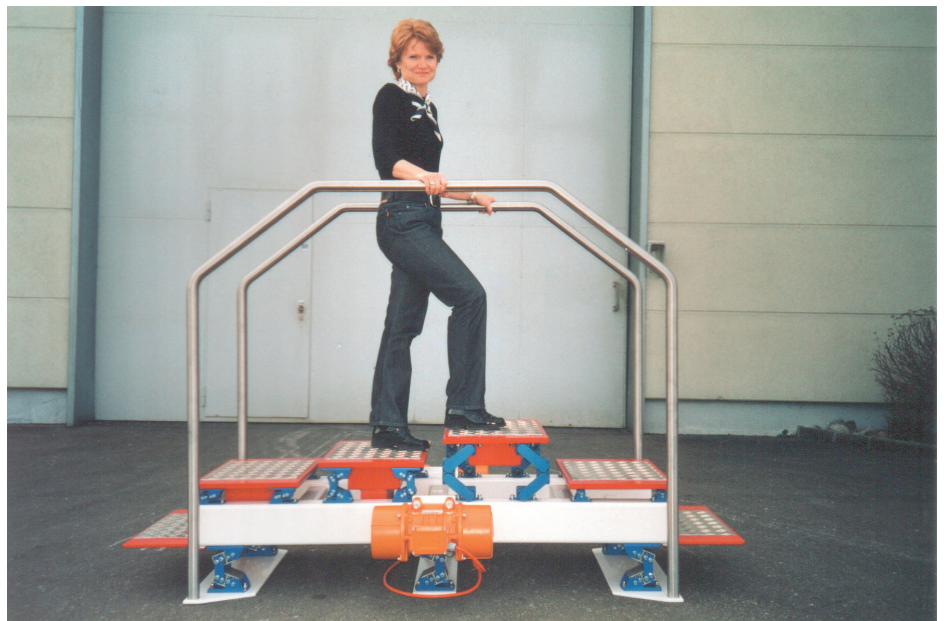


International Exhibition, BG-Plovdiv
as from 5th until 10th May 2003
Booth: Georg P. Alexandris S.A.
GR - 185 45 Piraeus

A „Thunder Board“ for the Hanover Trade Fair

Our experiences from earlier trade fairs have shown that technology that can be felt, touched or experienced produces a much more intensive and better reaction from the trade fair visitors. Besides, an original “hands-on” demonstration machine remains in the visitor’s memory – and, when necessary, he may also remember the product.

After the „Balance Rocker“ and the „Vibration Stairway“, we are presenting the “Thunder Board” on the occasion of our thirtieth jubilee in Hanover. This is a structure similar to a bridge, which invites the visitors to enter it with the melody „Good Vibrations“ from the Beach Boys. On a total of six platforms, the trade fair public feel and experience different vibrations and oscillations of different strengths, or, rather, they feel the effectiveness of the various ROSTA anti-vibration mounts, which more or less dissipate the vibrations of the two large unbalanced motors.



„Thunder Board“ with ROSTA anti-vibration mounts

Represented by:



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