



Proven technical reconstruction equipment for the hose liner installation and pipe coating

Power Line Reconstruction Equipment

The specialized processing companies of the canalization industry request competent and effective partners, which offer consolidated knowledge and a practice oriented, wide product portfolio.

In addition to the expert knowledge of the executing company and its employees, the machine technology contributes especially to a good result for any reconstruction measure.

The newly designed reconstruction devices are exactly adapted to the respective application area and they are robust and can be used easily. In addition to the technical aspects, ease of operation and cost effectiveness were also important benchmarks that had to be considered.

Finally, a long service life and ease of maintenance were of importance for the Power Line Reconstruction Equipment. It is obvious that only selected, high quality and proven components are used.



Power BOX -Hot water system



Power BOX Standard



Power BOX Premium

The hot water systems Power BOX Standard and Power BOX Premium

The Power BOX hot water systems have been proven many times and have for many years been an important part of the hose liner reconstruction - not only for thermal-reactive resin system.

Due to their effectiveness and practice oriented design concept they are ideally suited for a fast and controlled curing of hose liners up to nominal widths from 12" with a significant shortening of the curing time.

Product characteristics Power BOX Standard

- Application area up to 8"
- Water heating up to 194 °F
- Transportable due to running gear
- Digital temperature controller
- Display of the input and output temperature
- Cascade use possible

Product characteristics Power BOX Premium

- Application area up to 12"
- Water heating up to 194 °F
- Integrated pump
- Transportable due to running gear
- Digital temperature controller
- Display of the input and output temperature
- Cascade use possible
- Display of the water pressure

Power DRUM

Inversion equipment



Individual inversion drums

Inversion drums for hose liners from 2" to 40" in a high quality and practice oriented design will be manufactured individually, order related and under consideration of the customer requirements.

All inversion drums are made from stainless steel and, with the exception of the baby drum, they are equipped with wheels. In addition, electrical drives and hydraulic brakes can be installed. All models are qualified for steam curing and they provide a flawless operation and a long service life.



Power TABLE

Impregnation systems



Impregnation system and vacuum pump - perfect for an optimum impregnation

Impregnation systems in different sizes and designs for hose liners from 2" to 40" and - due to their variability - they provide an optimum resin distribution and an even liner impregnation.

Comfortable control and space saving transportation, this unit is also using stainless steel for a long service life.

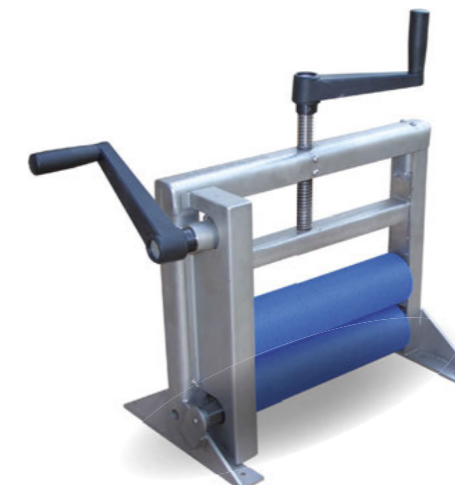
Power VACUUM

Vacuum pumps



The use of a suitable vacuum pump is mandatory for an optimum impregnation of a polyester needle felt carrier material with the reaction resins of the Easy Pox or the Easy Lith series.

Undesired air pockets will be prevented effectively and the complete impregnation of the carrier material with reaction resin will be supported and/or implemented well.



Power LIGHT

Power LIGHT UV technology

The multi-functional system with modules, perfectly co-ordinated to each other, for the controlled ultraviolet-light hardening of reactive, polyester-resin-impregnated hose-liners.

Different control concepts (mobile or fixed installed), cable lengths (to 320 m), UV light sources in various sizes (3" to 80"), including oval-shaped sections) and stages (9 x 400 W to 9 x 1) are individually adapted to respective requirements.

The simultaneous representation of the images of the fronteye and backeye cameras in HD quality places the user in the centre of events at all times.

A comprehensive recording and logging of all relevant values, including video recording and storage of all project data, are key for a perfect control and documentation of the liner hardening.



Power STEAM

Power STEAM 150

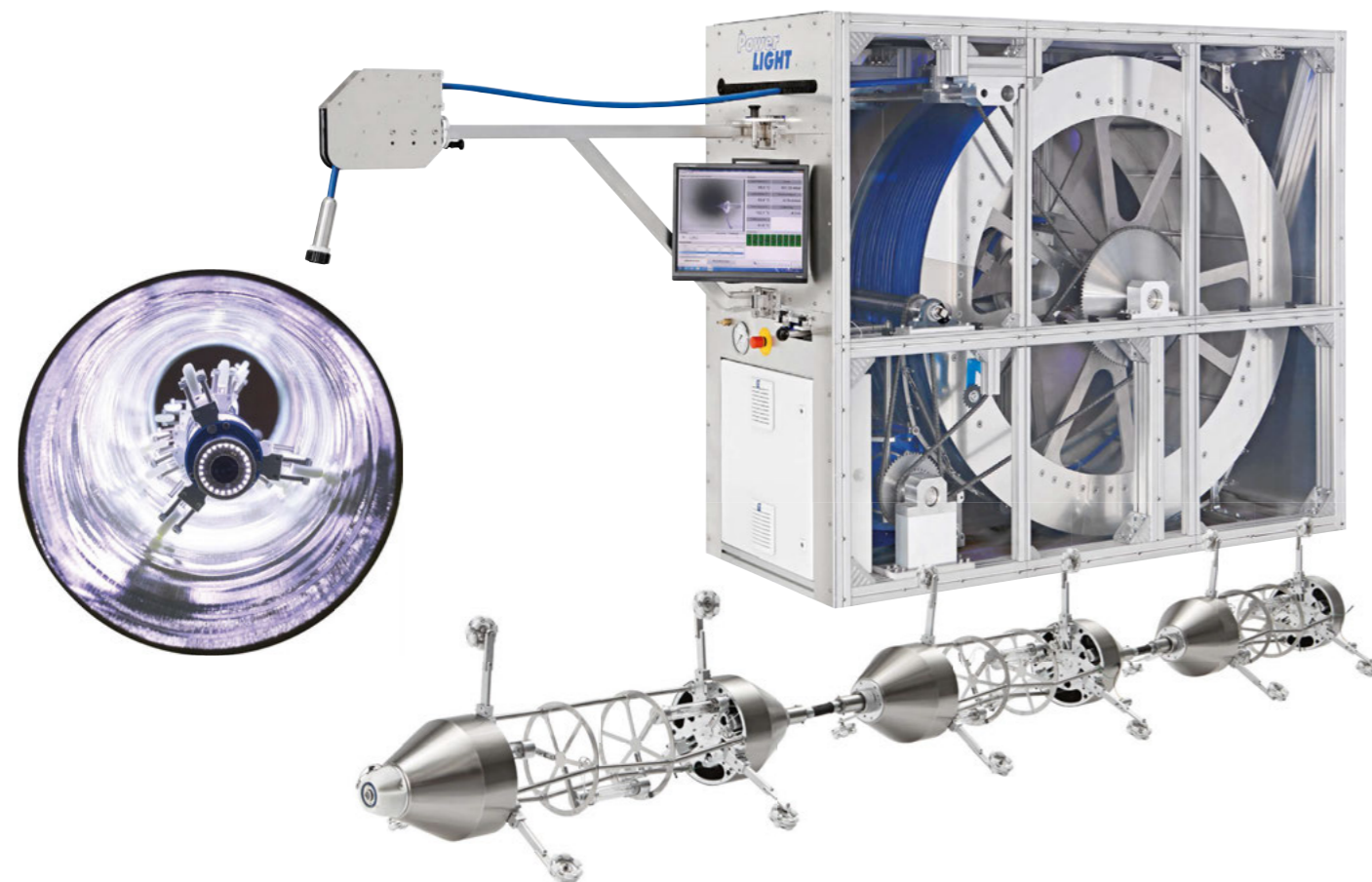
Dry steam for smaller hose liners - also for downpipes!

The mobile, compact unit in the „sack truck format“ can be brought simply to the application location in a truck and is ideally suitable for downpipes/house connecting lines.

- Dimensions to 8" and 165 feet length
- Steam generating capacity 330 LBS steam/h
- Stress-free impregnation of the hose-liners through the employment of reaction resins with long pot-life

- Reduction of the hardening time to ¼ of the usual time in comparison with hot water

The separate, mobile control regulates the steam pressure and the steam temperature in the liner. All parameters are continuously indicated to the user over the display of the control.



Vehicle construction

„Individuality for a daily success!“



To satisfy customer specific requirements and to realize individual requests, I.S.T. realized also complete vehicle constructions.

In contrast to the standard solutions on the market, I.S.T. builds for all customer THEIR vehicle with exactly those components, which they favor for their daily work. Only high quality and practice-proven equipment will be installed in the truck, the pick-up or the trailer.

ElastoTec Spray System

The revolutionary „Spray Technology“ for the economical upgrading of even smaller pipe cross sections, especially in the in-house sector.

The well designed system, consisting of the ElastoTec machine technology and the ElastoFlake 2-comp. PU reaction plastic, is perfectly co-ordinated.

This reliable and economical pipe upgrading system can be used especially well in cramped conditions, in the sanitary area and in case of small and difficult to access nominal diameters in the range 1.25" to 8", however, also for ex-ample for downspouts, and it is the ideal extension to our base liner systems



ELASTOTEC SPRAY SYSTEM



Training

„ ... For maximum success!“

At the Bochum location, trainings are performed by experienced I.S.T. employees for all relevant areas. The correct processing of the consumables as well as the control of the equipment will be trained intensely and practice oriented to support the maximum success at the construction site. These trainings are offered as standard courses as well as individually and demand oriented.



Further information under
www.ist-na.com

