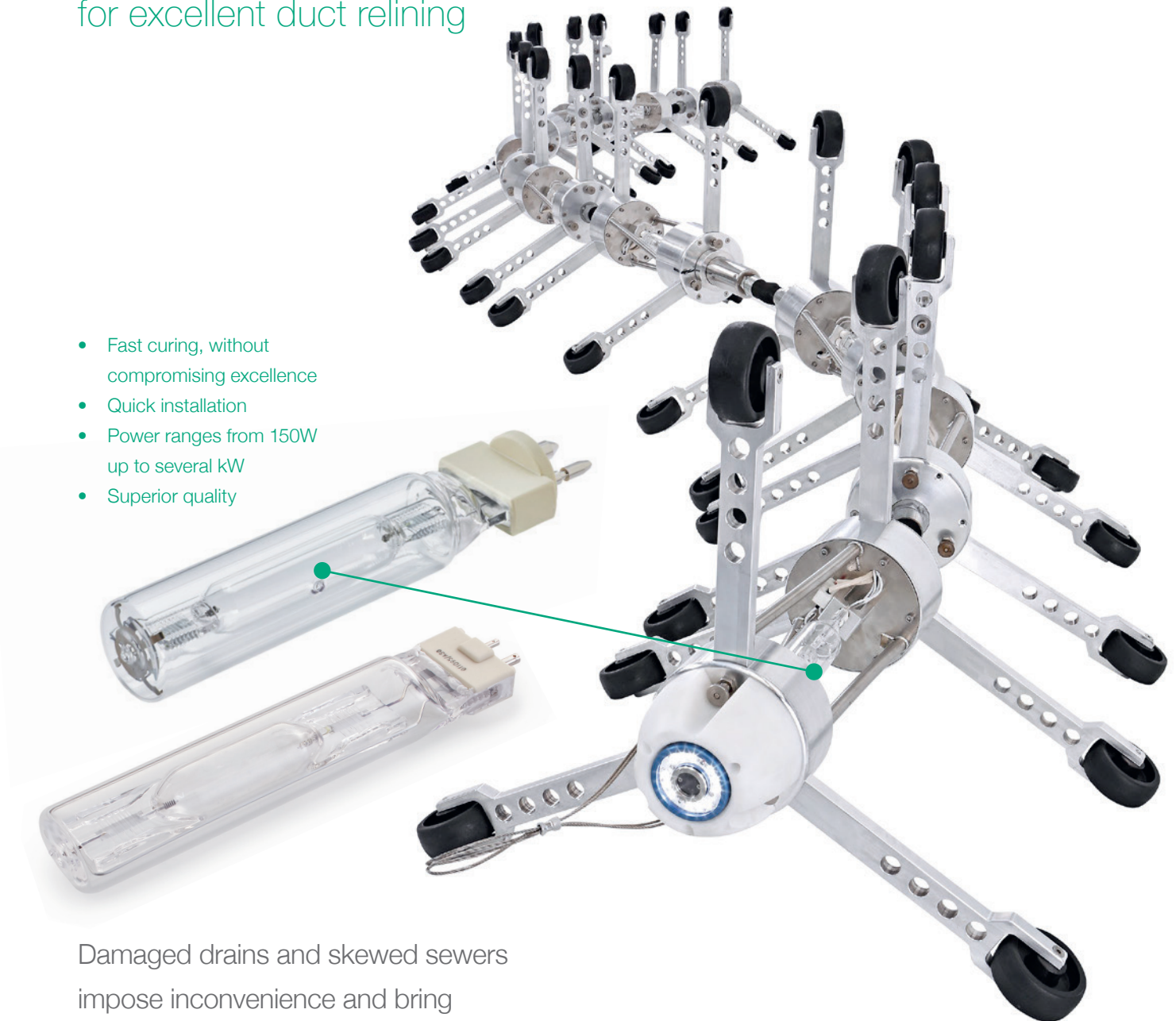


# USHIO

## UV Curing Lamps

for excellent duct relining

- Fast curing, without compromising excellence
- Quick installation
- Power ranges from 150W up to several kW
- Superior quality



Damaged drains and skewed sewers impose inconvenience and bring significant risks for local authorities, who are accountable for failing networks. Worse still, entire communities are hindered by the malfunction and failure of the hidden systems beneath them. There is no time to waste fixing bare necessities and the demands of the affected people must be appeased.

USHIO UV curing lamps are a game changer for the duct relining market. They are specifically designed for cured-in-place piping (CIPP) sewer renovation techniques deploying any 'no-dig' or 'trenchless' technology. Contractors love this revolutionary UV curing lamp solution, as it is always ready to perform on demand.

USHIO UV curing lamps provide a resin cure that effectively creates a new pipe within the damaged pipe, thus restoring the integrity and purpose of the drain or sewer. This extends pot life considerably; allowing a wider use of factory impregnated liners, which improve overall consistency.

The UV fast curing process minimizes the pipe outage time, with fast setup and installation times ensuring the work can be completed within the shortest of timeframes, while our implementation of longer UV wavelengths ensures thicker surface curing.

## Process benefits with USHIO UV curing lamps

- Withstand harsh environmental conditions (shock, vibration, moisture, etc.)
- Quick installation
- Fast curing results
- Matching reproducibility
- Long lifespan
- UV spectrum optimised for use with major liner materials
- Approved and endorsed by major UV machine and liner manufacturers

During the development process of our duct relining lamps we executed tests on a vibrating table to make the lamps as robust as possible. Several top manufacturers of UV based duct relining equipment, as well as some liner manufacturers, tested our UV curing lamps already successfully.

## Advantages of USHIO curing lamps

- Power rating from 150W up to several kW
- Choose from single or double-ended base
- Optional jacket tube
- Available with open or closed jacket tube
- Base with wire or plug-in technology
- Dimmable for precision control
- Perfect lamp match for any train size
- New innovative design ensures best quality



## Bring Light to Life

USHIO listens to the ideas and requirements of all partners and customers. That's why our special UV lamp has enormous application potential for numerous materials and surfaces. Together, we can develop a tailored solution that optimises your processes and matches your specifications and expectations perfectly.

# USHIO

USHIO EUROPE B.V. - Headquarters  
The Netherlands | Tel. +31 20 446 9333  
uv@ushio.eu | www.ushio.eu

USHIO DEUTSCHLAND GmbH  
Germany | Tel. +49 8094 9054 0  
uv@ushio.eu | www.ushio.eu

USHIO U.K., Ltd.  
United Kingdom | Tel. +44 1296 339988  
uv@ushio.eu | www.ushio.eu

USHIO FRANCE S.A.R.L.  
France | Tel. +33 134 64 94 94  
uv@ushio.eu | www.ushio.eu