





















PRT – Pipe Replacement Technology	in Germany	
An Example: Advance length 60 meters, d = days		
$\frac{\text{Pipe-eating method with slurry system:}}{\text{set up 3.5 d, pipe eating 6.0 d, dismantling 2.0 d} \Sigma 1$	1.5 d	
$\frac{\text{Pipe-eating method with guided auger system:}}{\text{set up 2.5 d, pipe eating 6.0 d, dismantling 1.5 d}} \Sigma 10$	) d	
The new Invention method with short pipes*: set up 1.0 d, pulling process 2.5 d, dismantling 0.5 d Σ 4 *for example polymer concrete jacking pipe	d	
The new Invention method with PE Long pipes: set up 1.0 d, pulling process 1.0 d, dismantling 0.5 d $\Sigma$ 2	.5 d	
60 % - 80 % lower construction time!		
PROF. HÖLTERHOFF INGENIEUR CONSULTING	estt	







































CIPP - UV curing technology	made in German
<ul> <li><u>Technical data:</u></li> <li>9 x 400 – 600 W curing power including digital curing camera</li> <li>6 x 2000 W curing power including digital curing camera</li> <li>Cable length 150 m, 250 m or 300 m</li> <li>1000 W lamps, can be switched in 100 W stages above 400 W; 2000 W lamps can be switched from 1000 W to 2000 W</li> <li>Professional control, monitoring, recording and documentation</li> <li>Accessories</li> <li>Power supply 40 KVA</li> <li>Min. 5 t cable winch</li> <li>Air supply 500 m³/h</li> </ul>	
RELINEGROUP	CSTT

























































