

LMS PERFORMANCE TORCH



Process table

MIG-MAG



standard for all models



standard for certain models









optionally available



Operation concepts

	
<p>Standard</p> <ul style="list-style-type: none"> ■ Ergonomic control button for welding on/off ■ Suitable for 2-stroke/4-stroke operation 	<p>Powermaster</p> <ul style="list-style-type: none"> ■ Ergonomic control button for welding on/off ■ Suitable for 2-stroke/4-stroke operation ■ With Up-Down function for remote power source control right on the torch ■ Integrated digital display for displaying weld performance, material thickness, wire feed speed or arc length correction ■ Mode buttons for switching between the different welding parameters or selection of the welding job in Tiptronic job mode

TECHNICAL DATA

	 LMS 300 G	 LMS 350 G	 LMS 320 W	 LMS 400 W	 LMS 420 W	 LMS 500 W
Type of torch						
- type of cooling	gas-cooled	gas-cooled	water-cooled	water-cooled	water-cooled	water-cooled
- Cooling system			1-circuit	2-circuit	2-circuit	2-circuit
MIG-MAG						
- Load M 21 mixed gas (in A)	300	350				
- Duty cycle (in %)	35%	35%				
MIG-MAG Pulse						
- Load pulse M 21 mixed gas (in A)	250	300	320	400	420	500
- Duty cycle (in %)	35%	35%	100%	100%	100%	100%
Field of application						
- weldable wires (in mm)	0,8-1,2	0,8-1,2	0,8-1,2	0,8-1,6	0,8-1,6	0,8-1,6
Torch equipment						
- Standard equipment for wire	1.0 steel	1.2 steel	1.0 steel	1.0 steel	1.2 steel	1.2 steel
- Torch connection	Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA
Lorch torch-front end						
- Wear part assignment	L8	L10	L8	L8	L10	L10
Standards and approvals						
- standard	EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07

Versions

	
Performance-torch	Performance remote control torch
<p>MIG-MAG-torch for optimal pulse welding, with CTC contact tip cooling; modern, slip, highly ergonomically shaped grip shell; optimally contoured form, holding tabs and 2K-grip elements for optimal fit at minimal expenditure of force, serially with multiple ball joint.</p> <p>Can be used at all Lorch MIG-MAG systems.</p> <p>Can be converted with Powermaster function module on demand</p>	<p>MIG-MAG-torch for optimal pulse welding, with CTC contact tip cooling and top-integrated, replaceable remote control function module; modern, slip, highly ergonomically shaped grip shell; optimally contoured form, holding tabs and 2K-grip elements for optimal fit at minimal expenditure of force, serially with multiple ball joint.</p> <p>Can be used on any Lorch MIG-MAG industrial systems with Powermaster remote control technology: MicorMIG-series, MicorMIG-Pulse-series; P-series, S-series, S-XT-series</p>