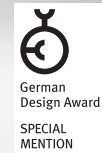


# Parking / Parking M

## Parking Barriers

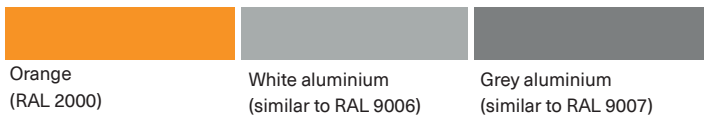
- › Reliable detection of tailgating vehicles
- › Low power consumption for economical operation
- › Optimum accessibility for particularly easy maintenance
- › German Design Award 2014 and Red Dot Design Award 2012
- › Designed for 10 million opening and closing cycles



Technical data	Parking	Parking-M
Barrier width	max. 3.5 m	
Opening/closing time	1.8 s	
Power consumption	35 W	
Drive technology	MHTM™	
Voltage	85–264 VAC, 50/60 Hz	
Duty cycle	100%	
Housing dimensions (W x D x H)	315 x 360 x 915 mm	315 x 360 x 1115 mm
Enclosure rating	IP54	
Temperature range	–30 to +55° C	
Weight	40 kg	44 kg

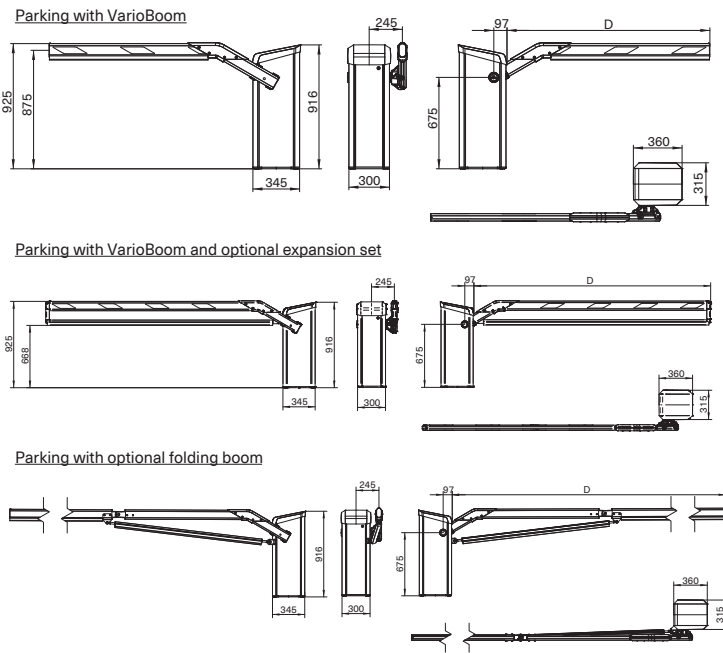
Options	Parking
Special colours	✓
Folding boom	✓
Boom extension set	✓
Breakaway flange	✓
Boom drop contact	✓
Boom interlock	
Boom lighting, red	✓
Illumination strip, red/green	✓
Key-operated switch	✓
Radio module	✓
Ethernet module	✓
RS485 module	✓
Second detector module	✓
Photoelectric safety switch	✓

### Standard colours



Features	Parking	Parking-M
Standard colours	RAL 2000, 9006, 9007	
Boom Type	VarioBoom	MicroBoom
Control system	MGC-A	
Integrated 2-channel detector for induction loops	Standard	
Modular expansion of control system	Standard	
Variable I/O assignment	Standard	
No. of digital inputs	8	
No. of relays/digital outputs	6/4	
MCBF	10 million	
Warranty	3 years	

### Dimensional drawings



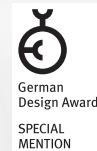
The dimensions of the housings are identical for all models.

Parking-M dimensional drawings is similar to Access Pro-M

# Access Pro / Pro - M

## Access Barriers

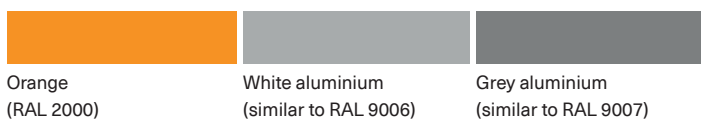
- > High level of functionality for numerous applications
- > Very low operating costs thanks to efficient and long-lived MHTM™ drive
- > Ease-of-use and optimum accessibility thanks to well thought-out design
- > Legal security with Declarations of Conformity and Performance
- > Acclaimed design: German Design Award 2014 and Red Dot Design Award 2012
- > Designed for 10 million opening and closing actions



Technical data	Access Pro	Access Pro-M
Barrier width	Max. 3.5 m	
Opening/closing time	1.3 s	
Power consumption	Max. 95 W	
Drive technology	MHTM™	
Voltage	85–264 VAC, 50/60 Hz	
Duty cycle	100 %	
Housing dimensions (L x W x H)	315 x 360 x 915 mm	315 x 360 x 1115 mm
Enclosure rating	IP 54	
Temperature range	–30 to +55 °C	
Weight	40 kg	44 kg

Options	Access Pro	Access Pro-M
Special colours	✓	✓
Boom extension set	✓	✓
Boom drop contact	✓	✓
Boom interlock	✓	✓
Boom illumination, red	✓	✓
Light strips, red/green	✓	✓
Key-operated switch	✓	✓
Radio module	✓	✓
Ethernet module	✓	✓
RS485 module	✓	✓
Second detector module	✓	✓
Photoelectric safety switch	✓	✓

### Standard colours



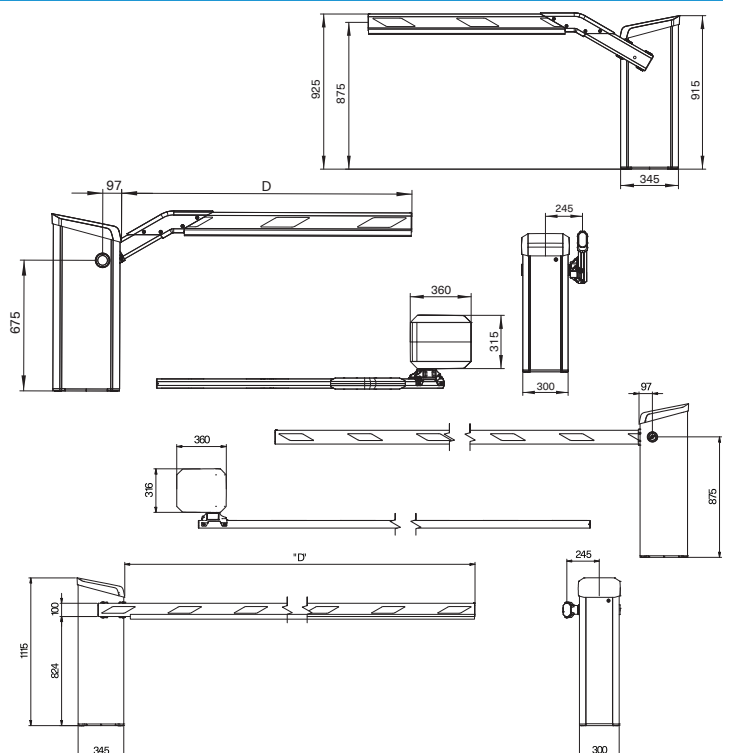
Orange  
(RAL 2000)

White aluminium  
(similar to RAL 9006)

Grey aluminium  
(similar to RAL 9007)

Features	Access Pro	Access Pro-M
Boom Type	Standard	MicroBoom
Control system	MGC Pro	
Integrated 2-channel detector for induction loops	Standard	
Modular expansion of control system	Freely expandable	
Variable I/O assignment	Standard	
No. of digital inputs	8	
No. of relays/digital outputs	6/4	
Selectable closing speed	Standard	
Selectable opening speed	Standard	
MCBF	10 Million	
Warranty	3 years	

### Dimensional drawings

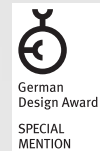




# Access XL2 / XXL

## Barriers for wide lanes

- › Large barrier width of up to 10.0 m
- › High security with optional barrier boom skirt
- › Very low operating costs thanks to efficient and long-lived MHTM™ drive
- › Ease-of-use and optimum accessibility thanks to well thought-out design
- › Legal security with Declarations of Conformity and Performance
- › Designed for 2 million opening and closing actions



Technical data	Access XL2	Access XXL
Barrier width	Max. 8.5 m	Max. 10.0 m
Opening/closing time	6.0 s	8.0 s
Power consumption	Max. 17 W	Max. 30 W
Drive technology	MHTM™	
Voltage	85 – 264 VAC, 50/60 Hz	
Duty cycle	100 %	
Housing dimensions (L x W x H)	435 x 360 x 1164 mm	
Enclosure rating	IP 54	
Temperature range	-30 to +55 °C	
Weight	105 kg	112 kg

Options	Access XL2	Access XXL
Special colours		✓
Standard boom skirt		✓
Boom skirt with climb-over prevention (height = 1.30 m)		✓ (Up to 6 m boom length)
Boom skirt with climb-over prevention (height = 1.80 m)		✓ (Up to 6 m boom length)
Pendulum support*		✓
Support post*		✓
Boom locking set		✓
Boom illumination, red <sup>1</sup>		✓
Light strips, red/green <sup>2</sup>		✓
Key-operated switch		✓
Radio module		✓
Ethernet module		✓
RS485 module		✓
CAN module (counting)		✓
Second detector module		✓
GSM module		✓
Photoelectric light barrier		✓
Battery backup		✓

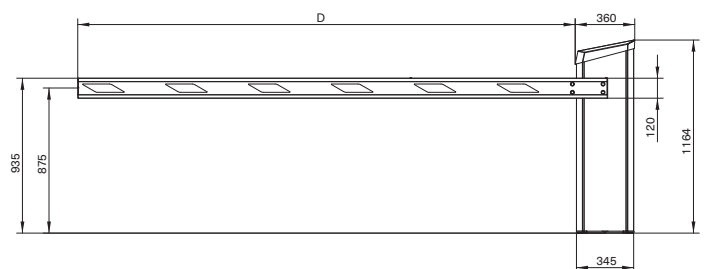
\* Both models must be supported with a pendulum support or with a support post.

<sup>1</sup> With climb-over prevention only possible on the back of the barrier boom

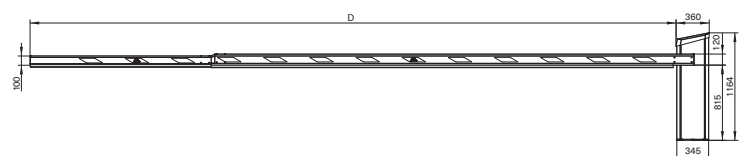
<sup>2</sup> Not in combination with standard boom skirt

Features	Access XL2	Access XXL
Standard colours	RAL 2000	
Boom Type	MicroBoom XL	
Control system	MGC Pro	
Integrated 2-channel detector for induction loops	Standard	
Modular expansion of control system	Freely expandable	
Variable I/O assignment	Standard	
No. of digital inputs	8	
No. of relays/digital outputs	6/4	
Input for safety light barriers with test	Standard	
Selectable closing speed	Standard	
Selectable opening speed	Standard	

### Dimensional drawings



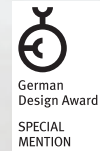
From a passage width (D) of more than 6 m the barrier boom consists of two profiles



# Toll

## Toll Barriers

- › Opening and closing times down to 0.3 s
- › Very low operating costs thanks to efficient and long-lived MHTM™ drive
- › Highly user-friendly and with optimum accessibility
- › Prize winning design: German Design Award 2014 and Red Dot Design Award 2012
- › Designed for 10 million opening and closing cycles



Technical Data	Toll	Toll Pro	Toll HighSpeed	Toll HighSpeed 2
Barrier width	max. 3.0 m	max. 3.0 m	max. 3.0 m	max. 3.2 m (with 2 barriers)
Opening/closing time	1.3 s	0.9 s	0.6 s	0.3 s
Power consumption	max. 55 W	max. 95 W	max. 320 W	max. 450 W
Drive technology	MHTM™			
Voltage	85 – 264 VAC, 50/60 Hz			
Duty cycle	100 %			
Housing dimensions (W x D x H)	315 x 360 x 1115 mm			
Enclosure rating	IP 54			
Temperature range	-30 to +55 °C			
Weight	approx. 42 kg	approx. 42 kg	approx. 44 kg	approx. 44 kg
MCBF	10 Million			
Warranty	3 years			

Options	Toll	Toll Pro	Toll HighSpeed	Toll HighSpeed 2
Special colours		✓		
Round boom (MicroBoom-T)		up to 3.0 m		
Fibre boom (MicroBoom-AT)				up to 1.5 m
Swing-away flange		all booms		
Auto-swing-away flange		only fibre boom		
Boom drop contact		✓		
Key-operated switch		✓		
Radio module		✓		
Ethernet module		✓		
RS485 module		✓		
Second detector module		✓		
Safety light barrier		✓		

### Standard colour



Orange  
(RAL 2000)



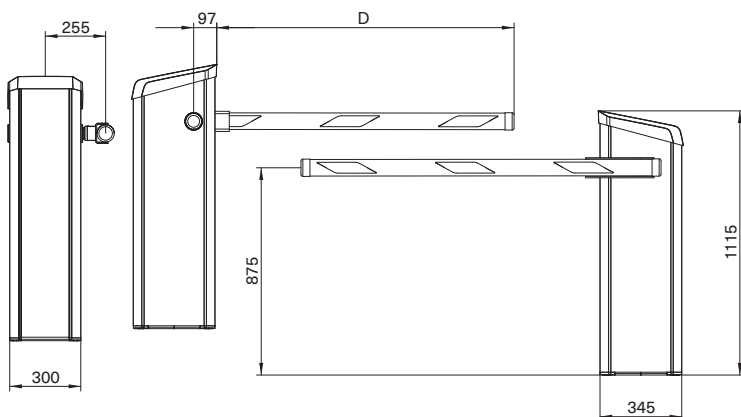
White aluminium  
(similar to RAL 9006)



Grey aluminium  
(similar to RAL 9007)

### Dimensional drawings

Toll with round boom



Toll with fibre boom

