4.x
01.2019

AVANT
Vertical Gates
Vertikaltore
Portails à Elévation Verticale
Cancelli ad alzata verticale

AVANTGATES Technical Info 01.2019 - Published in: January 2019

Technical INFO

AVANTGATES®

The 1st

NEW ARRIVAL

2019

NEW ARRIVAL

4.x

VERTICAL GATES

One step ahead !

CE EN 13241 CERTIFIED TÜV SÜD Validated

www.avantgates.com

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GRUPPO GENTILI

ITALIAN PERFORMANCE

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x

PLUS

SERIE RESIDENZIALE
RESIDENTIAL SERIES

- configurazione con TRAVE ALTA
- configuration with HIGH BEAM

- configurazione con TRAVE BASSA
- configuration with LOW BEAM

SERIE INDUSTRIALE
INDUSTRIAL SERIES

- configurazione con TRAVE ALTA
- configuration with HIGH BEAM

- configurazione con TRAVE BASSA
- configuration with LOW BEAM

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x

PLUS

- **MOTORE SINGOLO**
  STANDARD

- **SINGLE HYDRAULIC POWER PACK**
  STANDARD

- ELEVATA AFFIDABILITÀ
- HIGH RELIABILITY

- RIDOTTA MANUTENZIONE
- REDUCED MAINTENANCE

- **MOTORE DOPPIO**
  OPTIONAL

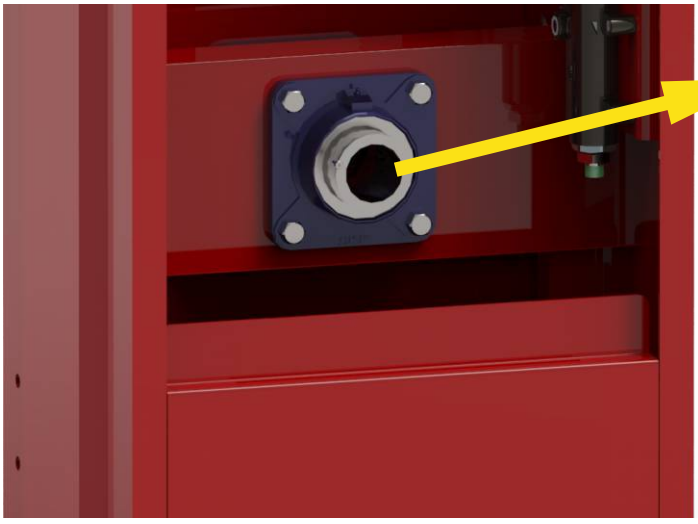
- **DOUBLE HYDRAULIC POWER PACK**
  OPTIONAL

- AFFIDABILITÀ ESTREMA
- EXTREME RELIABILITY

- RIDOTTA MANUTENZIONE
- REDUCED MAINTENANCE

- MAGGIORE VELOCITÀ DI APERTURA
- HIGHER OPENING SPEED

- RIDONDANZA DI FUNZIONAMENTO
- OPERATING REDUNDANCY



- **PERNO DI ROTAZIONE SU CUSCINETTI AUTOLUBRIFICANTI**

- **ROTATION PIN ON SELF-LUBRICATING BEARINGS**

- AFFIDABILITÀ
- RELIABILITY

- RIDOTTA MANUTENZIONE
- REDUCED MAINTENANCE

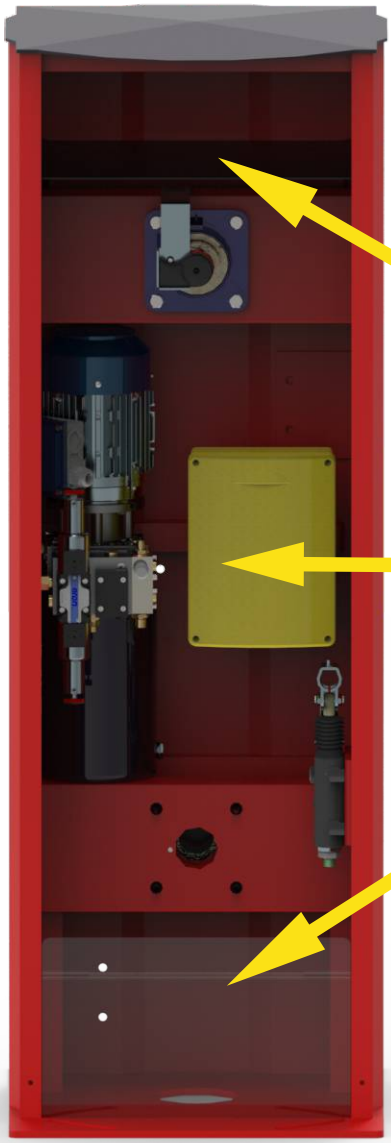
- FACILE SOSTITUZIONE
- EASY REPLACEMENT

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x

PLUS



Grande Spazio !!!
Big Space !!!

Grande spazio dentro la colonna portante per una facile manutenzione, e per inserire facilmente ulteriori accesori (riscaldatori ecc.)

Big space inside the supporting column for easy maintenance, and for easily inserting additional accessories (heaters, etc.)

Griglie di aerazione per smaltimento aria calda

Ventilation grilles for hot air disposal

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x

PLUS

OPTIONAL: ILLUMINAZIONE VARCO CON LUCI A LED CON CANCELLO IN MOVIMENTO
OPTIONAL: ENTRANCE LIGHTING WITH LED LIGHTS WHEN THE GATE IS MOVING

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x

PLUS

Grazie all'adozione di aste intercambiabili, diverse versioni del nuovo cancello 4.x sono abbinabili a cancelli Avant della serie 2.x e 3.x in versione Industriale.

Thanks to the adoption of interchangeable types of rods, several versions of the new 4.x gate can be combined with Avantgates 2.x and 3.x series in the Industrial version.

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x

PLUS

NESSUN PROBLEMA DI APERTURA IN PRESENZA DI NEVE O GHIACCIO
NO OPENING PROBLEM IN THE PRESENCE OF SNOW OR ICE

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x

PLUS

NUOVA SCHEDA ELETTRONICA DI COMANDO CON O SENZA INVERTER
NEW ELECTRONIC CONTROL BOARD WITH OR WITHOUT INVERTER

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R - 4.x I ▼ CLOUD

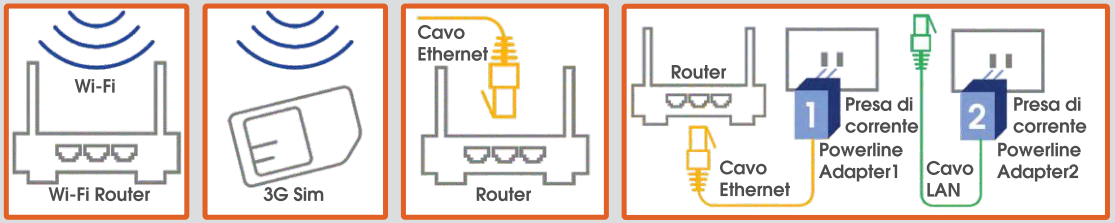
UTENTE FINALE

App

APP per aprire e chiudere il tuo cancello ovunque tu sia

per Android per Apple NO Canone Mensile €

Un unico device, per l'utente finale e l'installatore professionista



INSTALLATORE PROFESSIONISTA

App

1. Con il tuo device puoi programmare le nostre centrali elettroniche e ricevere la diagnosi in tempo reale sulla tua email
2. Impostazione di manutenzione (numero di impostazione cicli)
3. Avrai una panoramica totale degli eventi come un controllo di accesso
4. Possibilità di assegnare il controllo remoto a più utenti finali

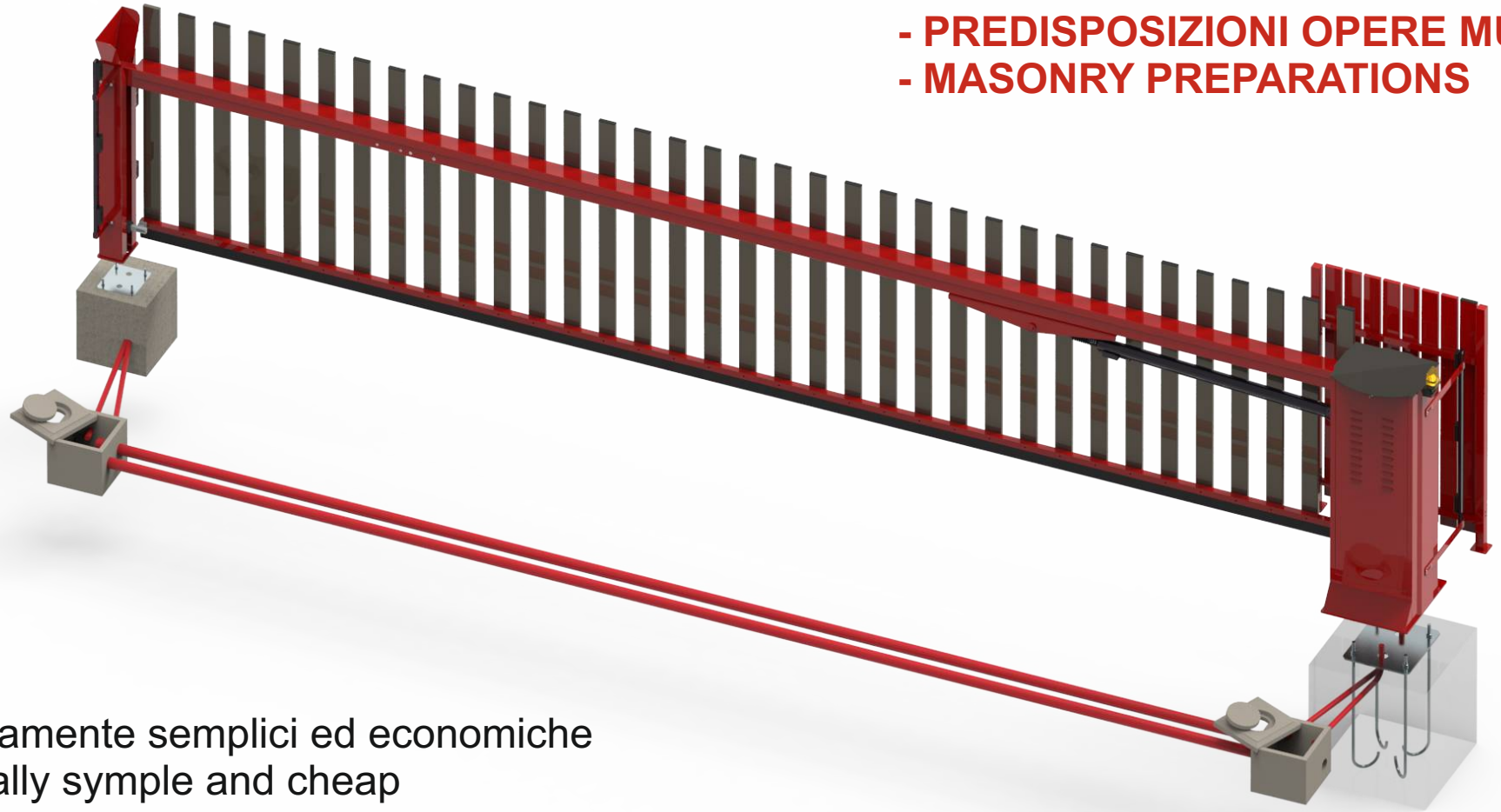
Compatibile con centrali elettroniche dotate di firmware REV. 2.0 e successive

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R - 4.x I

- PREDISPOSIZIONI OPERE MURARIE
- MASONRY PREPARATIONS



Veramente semplici ed economiche
Really symple and cheap

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R

Residential Series - Privattorserie
Gamme Résidentielle - Serie Residenziale

❶ R HBV Series

RESIDENTIAL USE

AVANT 4.x R HBV

HBV ⇨ **H**IGH **B**EAM **V**ERTICAL

Trave Alta
Cilindro/Cylinder ø **60** mm. (Residenziale)
in posizione Verticale / in Vertical position

❷ R HBH Series

RESIDENTIAL USE

AVANT 4.x R HBH

HBH ⇨ **H**IGH **B**EAM **H**ORIZONTAL

Trave Alta
Cilindro/Cylinder ø **60** mm. (Residenziale)
in posizione Orizzontale / in Horizontal position

❸ R LBH Series

RESIDENTIAL USE

AVANT 4.x R LBH

LBH ⇨ **L**OW **B**EAM **H**ORIZONTAL

Trave Bassa
Cilindro/Cylinder ø **60** mm. (Residenziale)
in posizione Orizzontale / in Horizontal position

AVANT 4.x I

Industrial Series - Industrietorserie
Gamme Industrielle - Serie Industriale

❹ I HBH Series

INDUSTRIAL USE

AVANT 4.x I HBH

HBH ⇨ **H**IGH **B**EAM **H**ORIZONTAL

Trave Alta
Cilindro/Cylinder ø **70** mm. (Industrial)
in posizione Orizzontale / in Horizontal position

❺ I LBH Series

INDUSTRIAL USE

AVANT 4.x I LBV

LBH ⇨ **L**OW **B**EAM **H**ORIZONTAL

Trave Bassa
Cilindro/Cylinder ø **70** mm. (Industrial)
in posizione Orizzontale / in Horizontal position

TECHNICAL INFO

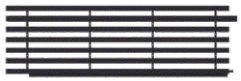
Date: **08/01/2019**

AVANT 4.x R HBV

Frequenza di utilizzo - Frequency of use
60-70%

(*) tutte le misure sono espresse in metri
all measurements are expressed in meters

RESIDENZIALE - RESIDENTIAL

CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
❶ R HBV		40x20 mm Aluminium	**Avantgates 4.x R HBV V-STD** (40-20)	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBV V-STD** (100-25)	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		40x20 mm Aluminium	**Avantgates 4.x R HBV V-A STD**	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		Diam. 70 mm Steel	**Avantgates 4.x R HBV V-PN**	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		Diam. 70 mm Steel	**Avantgates 4.x R HBV V-APN**	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBV V-DA**	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBV O-STD**	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBV O-PC**	With INVERTER	4,50	1,25 > 1,60	15 sec. (single hydraulick power pack)	

NOTA BENE: i cancelli con le configurazioni aste: **V-STD**, **V-A STD**, **V-PN**, **V-APN**, **V-DA**, **O-STD** e **O-PC**, possono essere ordinati anche in versione **DOPPIA**.
NOTE: the gates with the rod configurations: **V-STD**, **V-A STD**, **V-PN**, **V-APN**, **V-DA**, **O-STD** and **O-PC**, can also be ordered in **DOUBLE** version.

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R HBV

Frequenza di utilizzo - Frequency of use

60-70%

(*) tutte le misure sono espresse in metri
all measurements are expressed in meters

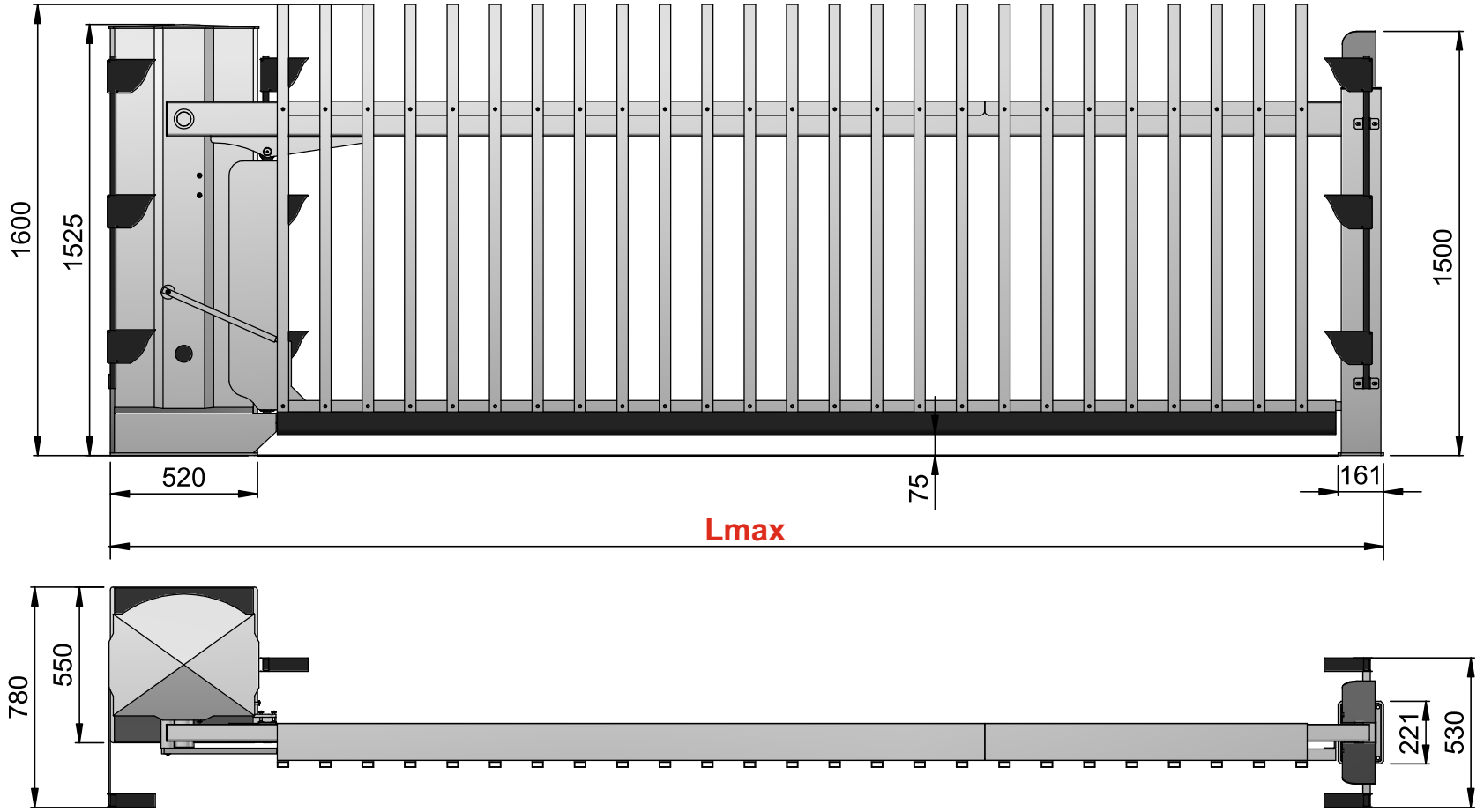
	CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
RESIDENZIALE - RESIDENTIAL	❶ R HBV		100x25 mm Aluminium	**Avantgates 4.x R HBV O-PCP**	With INVERTER	6,00 > (4,50+1,50 >)	1,25 > 1,60	15 sec. (single hydraulick power pack)	

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R HBV — Ingombri - Dimensions

(*) tutte le misure sono espresse in millimetri
all measurements are expressed in millimeters



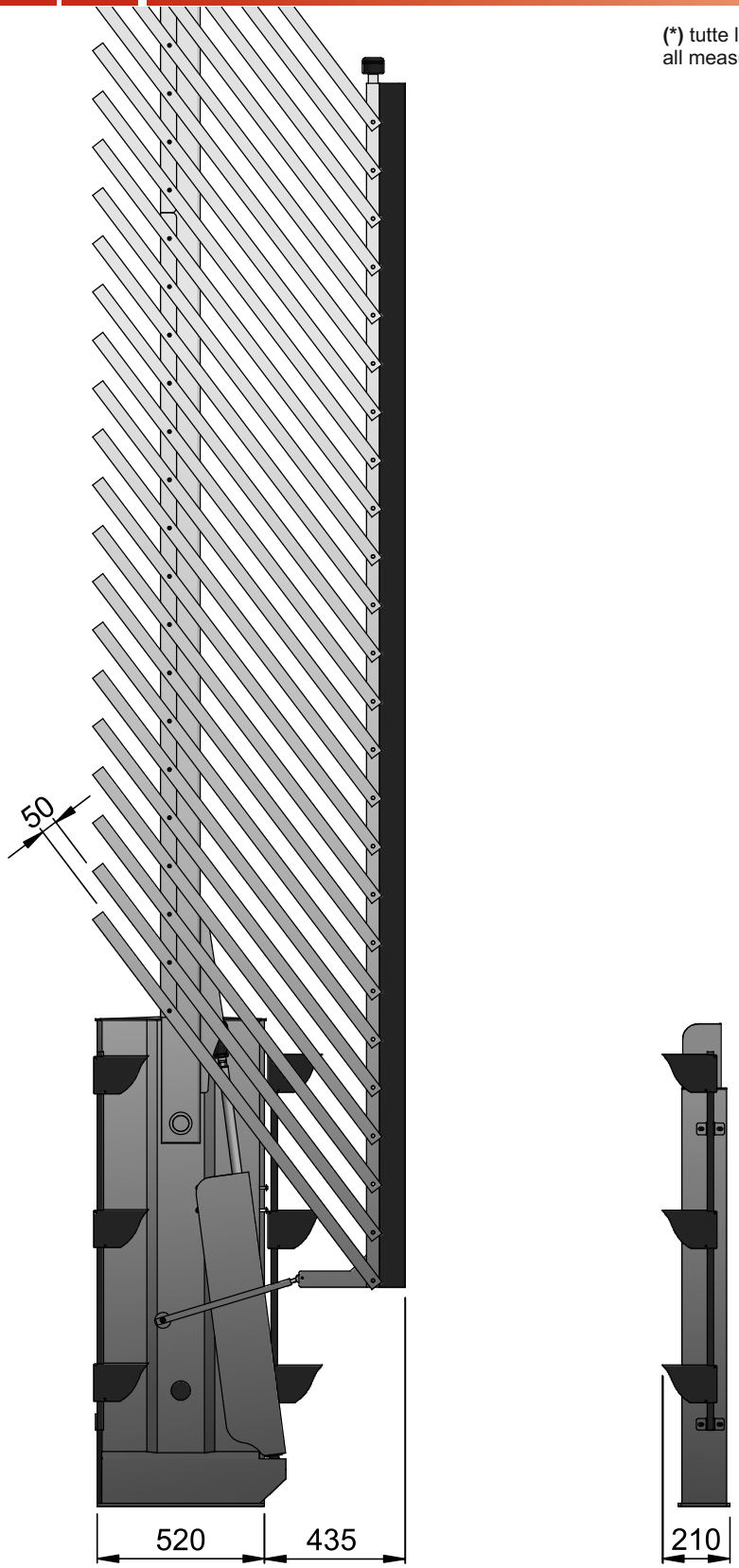
TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R

Ingombri - Dimensions

(*) tutte le misure sono espresse in millimetri
all measurements are expressed in millimeters



TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R HBV

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R HBV

TECHNICAL INFO

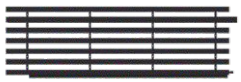
Date: **08/01/2019**

AVANT 4.x R HBH

Frequenza di utilizzo - Frequency of use
60-70%

(*) tutte le misure sono espresse in metri
all measurements are expressed in meters

RESIDENZIALE - RESIDENTIAL

CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
❷ R HBH		40x20 mm Aluminium	**Avantgates 4.x R HBH V-STD** (40-20)	With INVERTER	6,20	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBH V-STD** (100-25)	With INVERTER	6,20	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		40x20 mm Aluminium	**Avantgates 4.x R HBH V-A STD**	With INVERTER	6,20	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		Diam. 70 mm Steel	**Avantgates 4.x R HBH V-PN**	With INVERTER	6,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		Diam. 70 mm Steel	**Avantgates 4.x R HBH V-APN**	With INVERTER	6,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBH V-DA**	With INVERTER	6,20	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBH O-STD**	With INVERTER	6,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	
		100x25 mm Aluminium	**Avantgates 4.x R HBH O-PC**	With INVERTER	5,00	1,25 > 1,60	15 sec. (single hydraulick power pack)	

NOTA BENE: i cancelli con le configurazioni aste: **V-STD**, **V-A STD**, **V-PN**, **V-APN**, **V-DA**, **O-STD** e **O-PC**, possono essere ordinati anche in versione **DOPPIA**.
NOTE: the gates with the rod configurations: **V-STD**, **V-A STD**, **V-PN**, **V-APN**, **V-DA**, **O-STD** and **O-PC**, can also be ordered in **DOUBLE** version.

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R HBH

Frequenza di utilizzo - Frequency of use

60-70%

(*) tutte le misure sono espresse in metri
all measurements are expressed in meters

	CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
RESIDENZIALE - RESIDENTIAL	❷ R HBH		100x25 mm Aluminium	**Avantgates 4.x R HBH O-PCP**	With INVERTER	6,50 > (5,00+1,50 >)	1,25 > 1,60	15 sec. (single hydraulick power pack)	

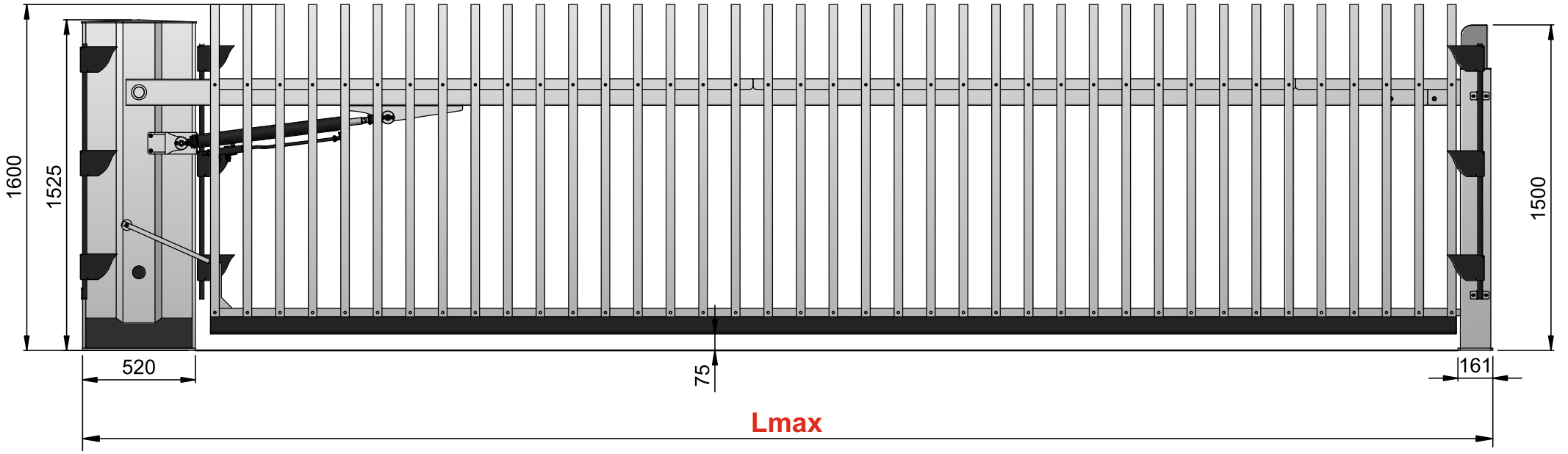
TECHNICAL INFO

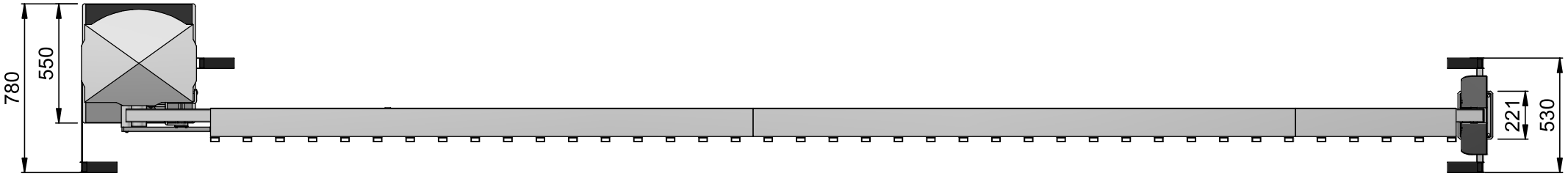
Date: **08/01/2019**

AVANT 4.x R HBH

Ingombri
Dimensions

(*) tutte le misure sono espresse in millimetri
all measurements are expressed in millimeters





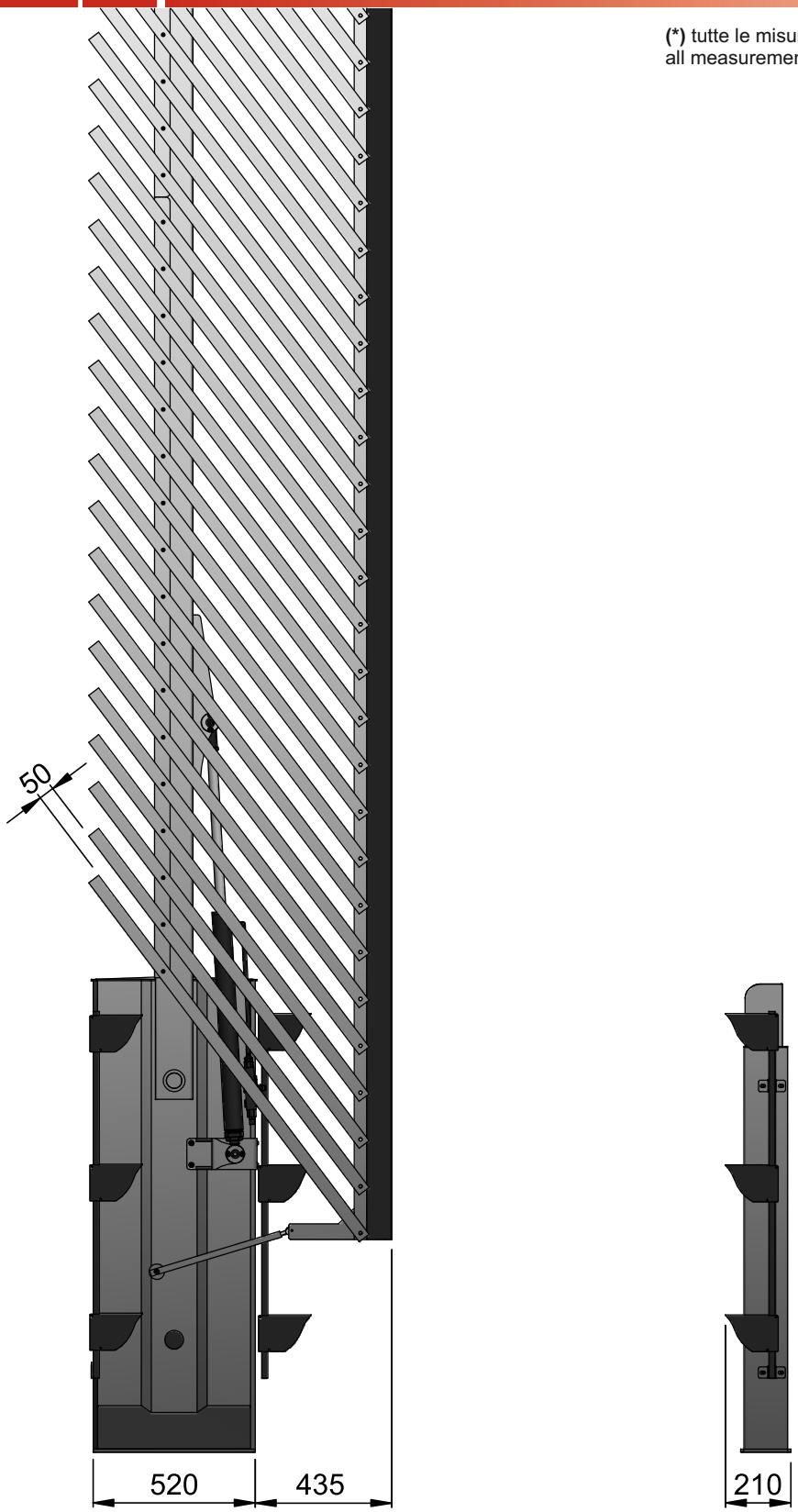
TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R

Ingombri
Dimensions

(*) tutte le misure sono espresse in millimetri
all measurements are expressed in millimeters



TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R HBH

- Il cancello ideale per rispettare la normativa **BRC Global Standards**
- The ideal gate to comply with the **BRC Global Standards**

TEMPO DI APERTURA: 15 sec.
OPENING TIME: 15 sec.

SOLO per la versione Residenziale
con motore singolo STANDARD

ONLY Residential Series
with single hydraulic power pack STANDARD

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R HBH

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R LBH

Frequenza di utilizzo - Frequency of use
60-70%

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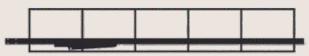
all measurements are expressed in meters

	CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
RESIDENZIALE - RESIDENTIAL	❸ R LBH			Avantgates 4.x R LBH NKD	With INVERTER	6,00	0,80 > 1,60	15 sec. (single hydraulick power pack)	
				Avantgates 4.x R LBH PNL	With INVERTER	6,00	0,80 > 1,60	15 sec. (single hydraulick power pack)	
				Avantgates 4.x R LBH PNL-C	With INVERTER	6,00	0,80 > 1,60	15 sec. (single hydraulick power pack)	
				Avantgates 4.x R LBH ADV	With INVERTER	4,50	0,80 > 1,20	15 sec. (single hydraulick power pack)	

NOTA BENE: è possibile applicare sulla trave inferiore qualsiasi tipo di recinzione in commercio.
NOTE: it is possible to apply on the lower beam any type of fence on the market.

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R LBH

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R LBH

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x I HBH

Frequenza di utilizzo - Frequency of use
60-70%

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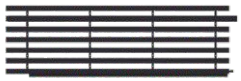
	CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
INDUSTRIALE - INDUSTRIAL	❹ I HBH		40x20 mm Aluminium	**Avantgates 4.x I HBH V-STD** (40-20)	With INVERTER Without INVERTER	7,50	1,25 > 1,60	30 sec. (single hydraulick power pack)	
			100x25 mm Aluminium	**Avantgates 4.x I HBH V-STD** (100-25)	With INVERTER Without INVERTER	7,50	1,25 > 1,60	30 sec. (single hydraulick power pack)	
			40x20 mm Aluminium	**Avantgates 4.x I HBH V-A STD**	With INVERTER Without INVERTER	7,50	1,25 > 1,60	30 sec. (single hydraulick power pack)	
			Diam. 70 mm Steel	**Avantgates 4.x I HBH V-PN**	With INVERTER Without INVERTER	7,50	1,25 > 1,60	30 sec. (single hydraulick power pack)	
			Diam. 70 mm Steel	**Avantgates 4.x I HBH V-APN**	With INVERTER Without INVERTER	7,50	1,25 > 1,60	30 sec. (single hydraulick power pack)	
			100x25 mm Aluminium	**Avantgates 4.x I HBH V-DA**	With INVERTER Without INVERTER	7,50	1,25 > 1,60	30 sec. (single hydraulick power pack)	
			100x25 mm Aluminium	**Avantgates 4.x I HBH O-STD**	With INVERTER Without INVERTER	7,50	1,25 > 1,60	30 sec. (single hydraulick power pack)	
			100x25 mm Aluminium	**Avantgates 4.x I HBH O-PC**	With INVERTER Without INVERTER	6,00	1,25 > 1,60	30 sec. (single hydraulick power pack)	

NOTA BENE: i cancelli con le configurazioni aste: **V-STD**, **V-A STD**, **V-PN**, **V-APN**, **V-DA**, **O-STD** e **O-PC**, possono essere ordinati anche in versione **DOPPIA**.
NOTE: the gates with the rod configurations: **V-STD**, **V-A STD**, **V-PN**, **V-APN**, **V-DA**, **O-STD** and **O-PC**, can also be ordered in **DOUBLE** version.

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x I HBH

Frequenza di utilizzo - Frequency of use

60-70%

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all measurements are expressed in meters

	CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
INDUSTRIALE - INDUSTRIAL	❹ I HBH		100x25 mm Aluminium	Avantgates 4.x I HBH O-PCP	With INVERTER Without INVERTER	7,50 > (6,00+1,50 >)	1,25 > 1,60	30 sec. (single hydraulick power pack)	

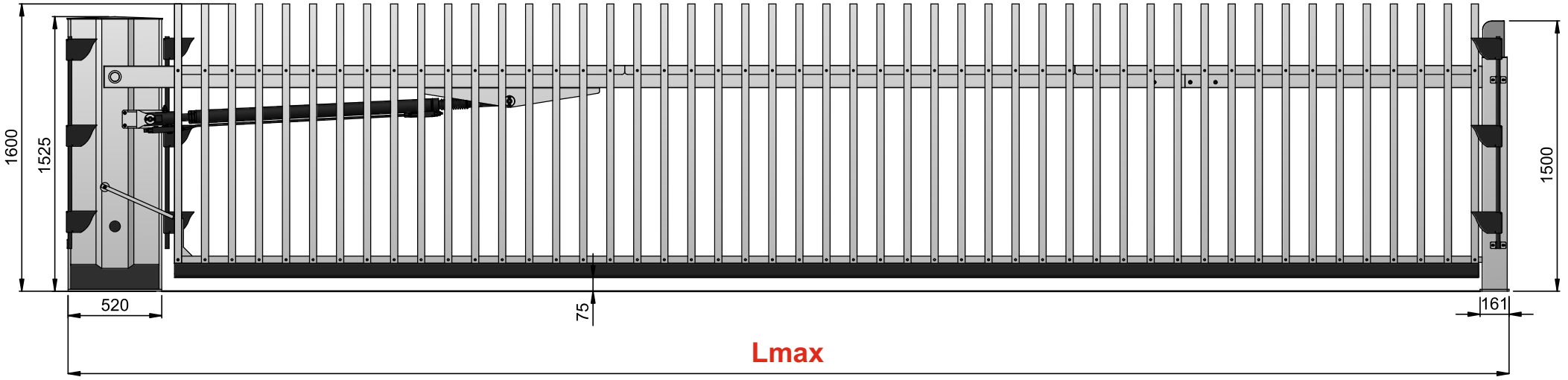
TECHNICAL INFO

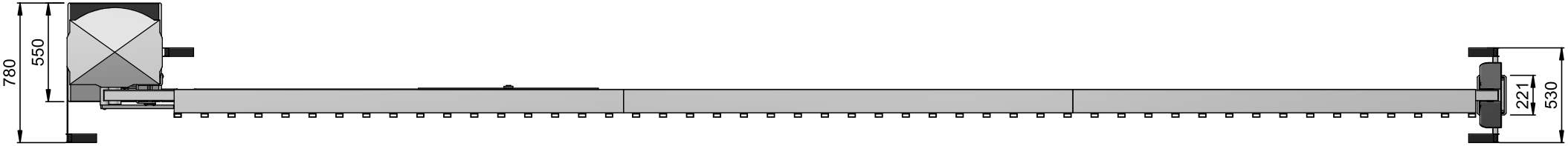
Date: **08/01/2019**

AVANT 4.x I HBH

Ingombri
Dimensions

(*) tutte le misure sono espresse in millimetri
all measurements are expressed in millimeters





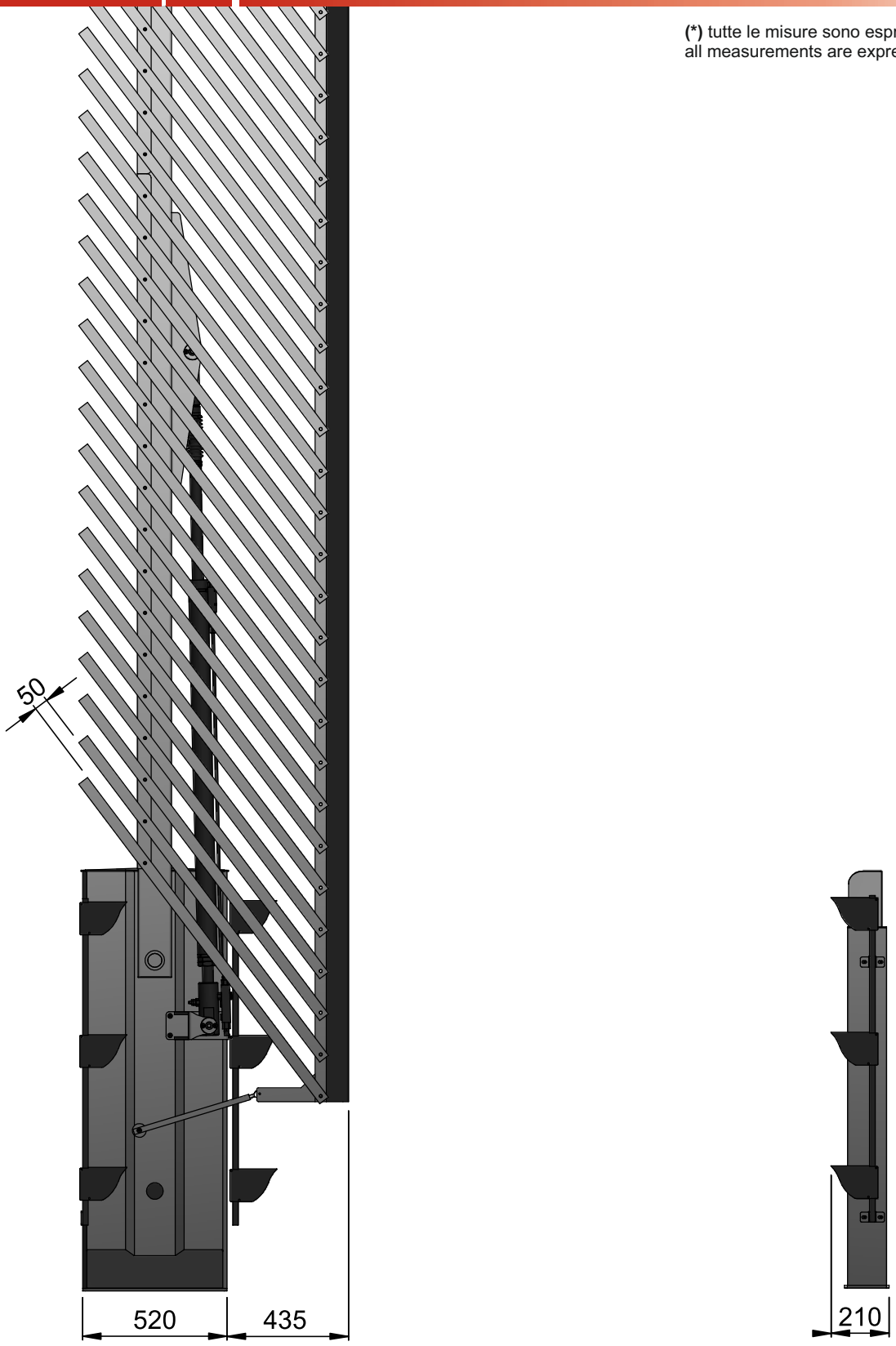
TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x R

Ingombri
Dimensions

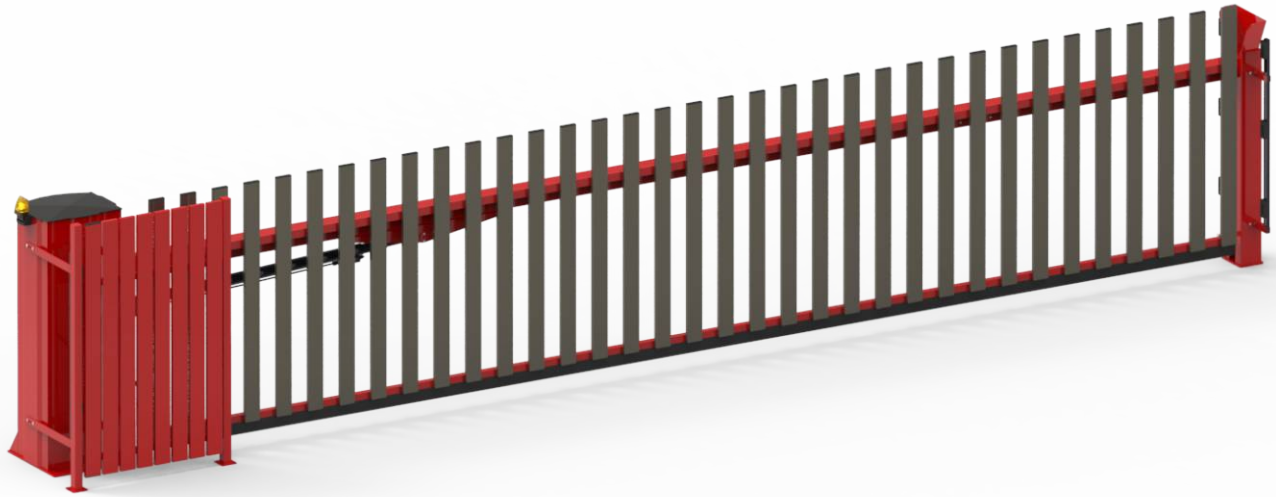
(*) tutte le misure sono espresse in millimetri
all measurements are expressed in millimeters



TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x I HBH



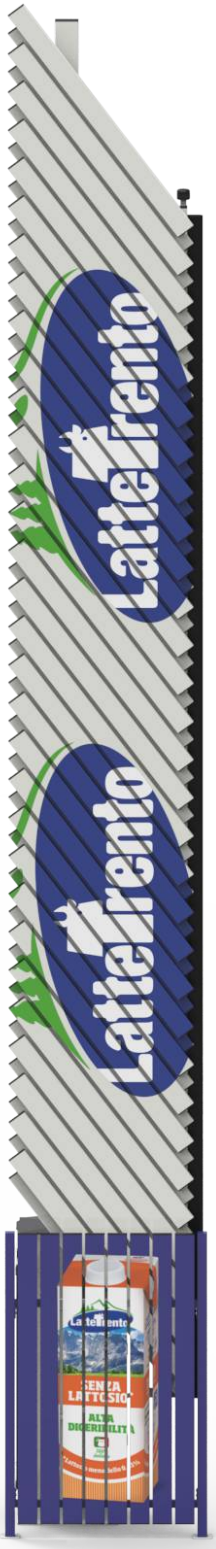
TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x I HBH

Ideale per creare totem pubblicitari

Ideal for advertising



TECHNICAL INFO

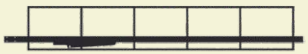
Date: **08/01/2019**

AVANT 4.x I LBH

Frequenza di utilizzo - Frequency of use

60-70%

(*) tutte le misure sono espresse in metri
all measurements are expressed in meters

	CONFIG. COLONNA COLUMN CONFIG.	CONFIGURAZIONE ASTE ROD CONFIGURATION	TIPO ASTE ROD TYPE	MODELLO MODEL	SCHEDA ELETTRONICA ELECTRONIC BOARD	LUNGH. Max. Max. LENGHT (Lmax)	ALTEZZA HEIGHT (min. > max.)	TEMPO di apertura TIME of opening	
INDUSTRIALE - INDUSTRIAL	❺ I LBH			Avantgates 4.x I LBH NKD	With INVERTER Without INVERTER	7,50	0,80 > 1,60	30 sec. (single hydraulick power pack)	
				Avantgates 4.x I LBH PNL	With INVERTER Without INVERTER	7,50	0,80 > 1,60	30 sec. (single hydraulick power pack)	
				Avantgates 4.x I LBH PNL-C	With INVERTER Without INVERTER	7,50	0,80 > 1,60	30 sec. (single hydraulick power pack)	
				Avantgates 4.x I LBH ADV	With INVERTER Without INVERTER	6,00	0,80 > 1,20	30 sec. (single hydraulick power pack)	

NOTA BENE: è possibile applicare sulla trave inferiore qualsiasi tipo di recinzione in commercio.
NOTE: it is possible to apply on the lower beam any type of fence on the market.

TECHNICAL INFO

Date: **08/01/2019**

AVANT 4.x I LBH