BMP HIGH SPEED DOORS

MEGAPACK 200

TECHNICAL DATA

OUTDOORS | LARGE OPENINGS | WIND RESISTANCE | ENERGY SAVING | DOUBLE CURTAIN | SOLID STEEL STRUCTURE | FOLDING TECHNOLOGY

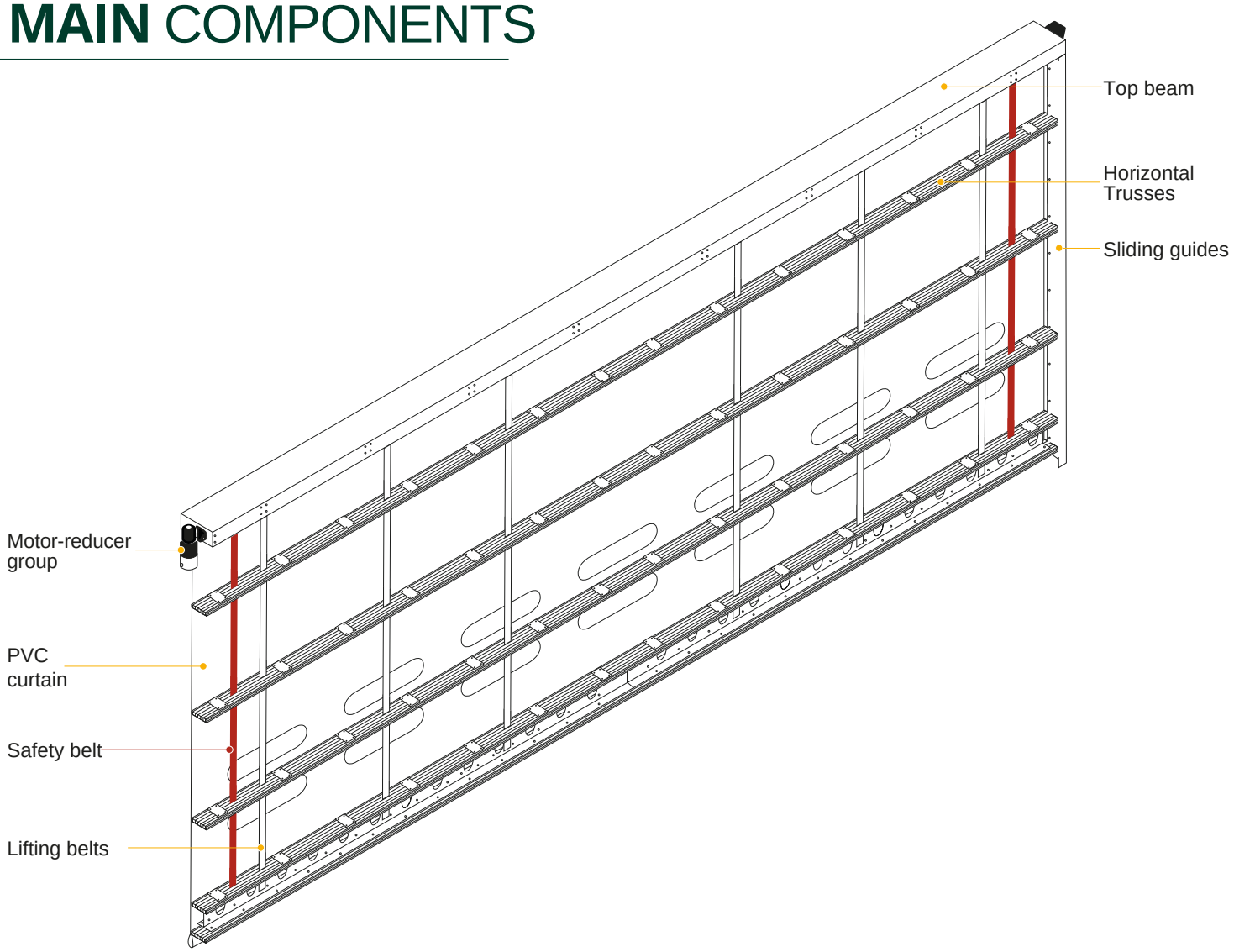
MEGAPACK 200 an high speed fold up door designed for large openings, where it is necessary to make large logistics movements.

WATCH THE VIDEO!

DOOR THICKNESS	300 mm
WINDOWS	1200 x 300 mm
SEALS	Lateral PVC
SPEED	0,2 - 0,3 m/s
WIND RESISTANCE* DIFFERENTIAL PRESSURE	0.45 - 1.6KPa, depending on size (Class 2 - 5 , EN 12424)
WIND SPEED DURING DOOR OPENING	< 20 m/s (72 km/h)
SOUNDPROOFING STANDARD	15 dB Rw (ISO 717)
WATER RESISTANCE	0,11 kPa (close door) Class 3, EN12426
AIR PERMEABILITY	12m³ / (m²h) Class 3, EN 12426
OPERATING TEMPERATURE OPERATING ENVIRONMENT	-10°C a +70°C

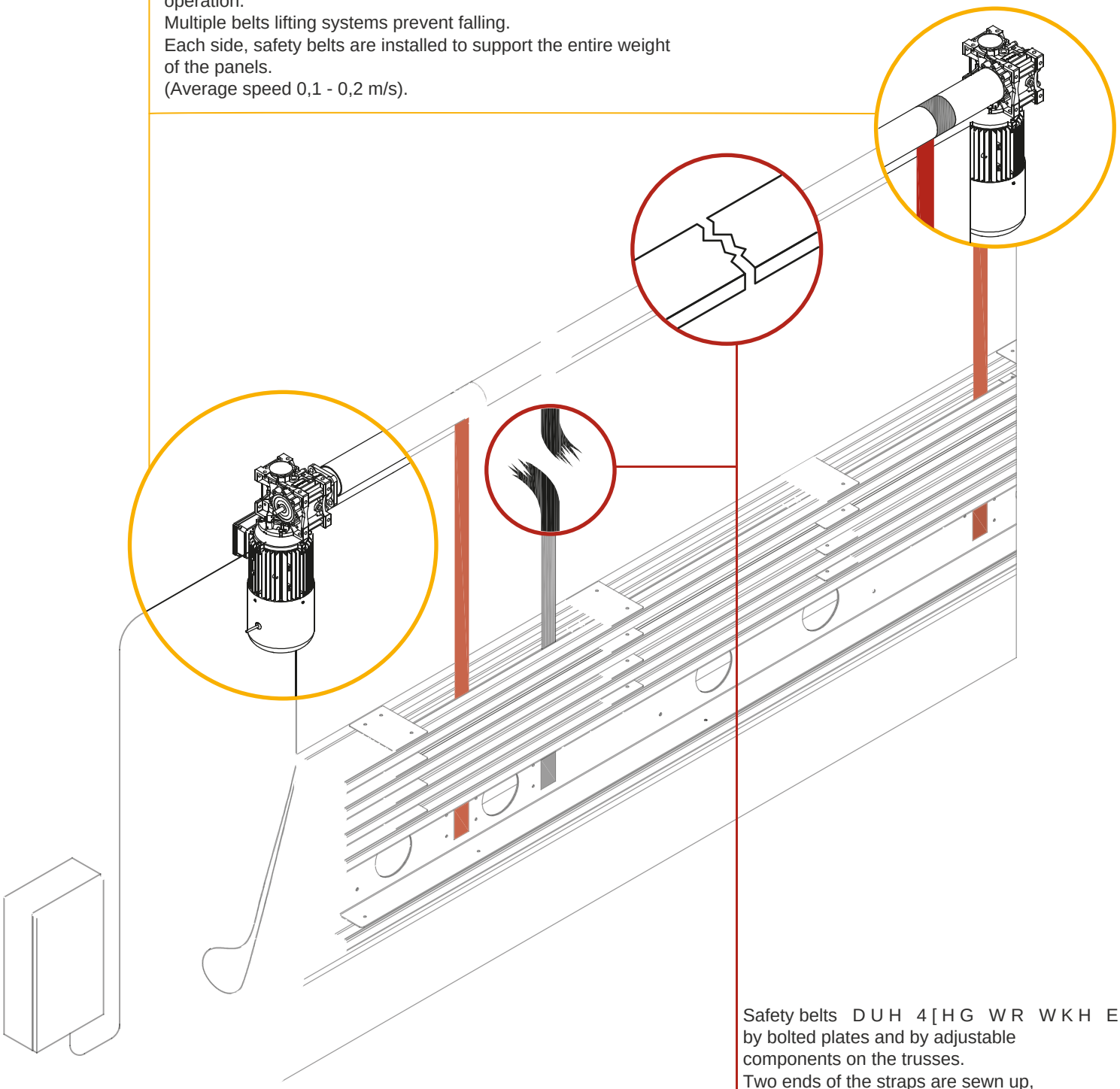
*The door, according to the directive 13241/EC, needs to be checked every six months.

MAIN COMPONENTS



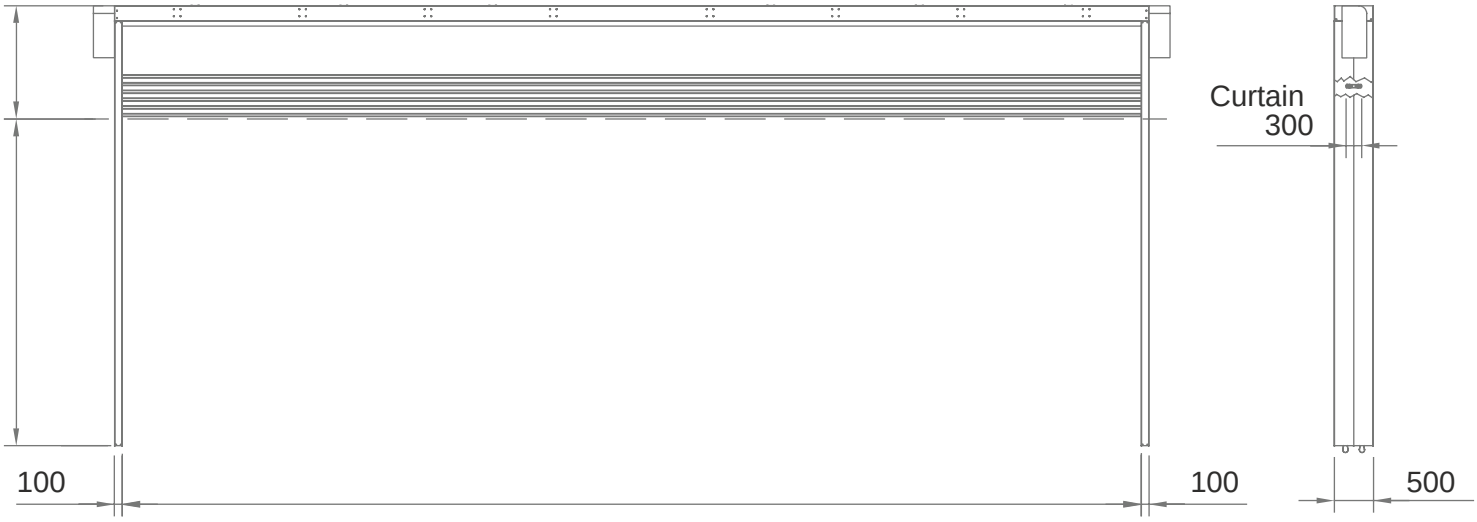
SAFETY ANTI-FALL

Self-braking 400V three phases motors are installed in direct drive on both sides of the main shaft.
(Function type S1, continuous service)
Reducer group made of painted cast-iron, suitable for continuous operation.
Multiple belts lifting systems prevent falling.
Each side, safety belts are installed to support the entire weight of the panels.
(Average speed 0,1 - 0,2 m/s).

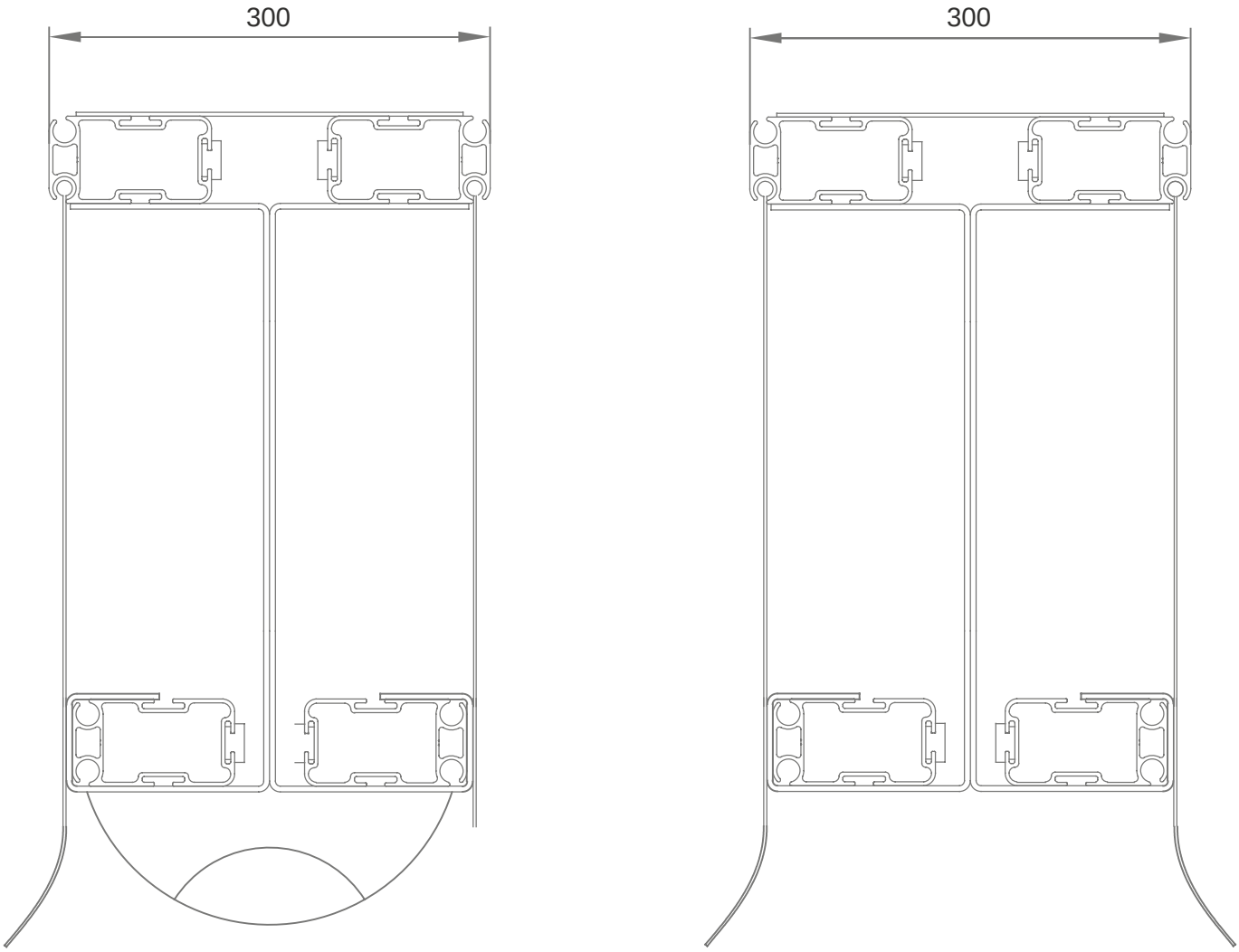


Safety belts are fixed to the bar by bolted plates and by adjustable components on the trusses.
Two ends of the straps are sewn up, fixed to slit.

DIMENSIONS **OVERALL**



LOWER TRUSS



PVC CHARACTERISTICS

STANDARD PVC

Composition and tests

EXTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Opaque	18 standard	0,7 mm
FABRIC			
Material	N. tarps	Title	EN 2286-2
PES	1	1100Dtex 12x12	900 g/m²
INTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Rough	18 standard	0,2 mm

COLD RESISTANCE
ISO 4675/90
-50°C ±5

HYDROLYSIS TEST
75ºC 95% humidity
none variation

GAS OIL TEST
-
none variation

MARINE WATER TEST
-
none variation

OZONE TEST
ISO 3011
none crack

T. STORAGE
(ºC)
-30 +65

FLAME TEST
ISO 3795
< 100 mm/min

PERFORATION
RINA 3.A1.2.7
(N) > 100

EXERCISE 7 days -70°C
ISO 6065
none variation

Characteristics

THICK
ISO 2286/3
(mm) 0,9±0,1

WEIGHT
ISO 2286/2
(kg/m2) 0,90±0,1

LOAD BREAK
ISO 1421
6000 N/50mm

WARP EXTENSION
ISO 1421
4300 N/50mm

TEXTURE EXTENSION
ISO 1421
4000 N/50mm

WARP BREAK
dIN 53363
(N) > 600

TEXTURE BREAK
dIN 53363
(N) > 530

ADHESION
dIN EN ISO 2411
130 N/50mm

EEC CONFORMITY
-
Yes

SPECIFIC USE
industry, refrigerators, car washes, supermarkets, warehouses

ASSOCIATION
-

Colors

Translucent Antistatic available

INSULATED PVC

Composition and tests

EXTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Straight	6 standard	0,5 mm
FABRIC			
Material	N. tarps	Title	EN 2286-2
PES	1	1100Dtex 12x12	1350 g/m²
INTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Sponge	6 standard	7 mm

COLD RESISTANCE
ISO 4675/90
-10°C ±5

HYDROLYSIS TEST
75ºC 95% humidity
none variation

GAS OIL TEST
-
none variation

MARINE WATER TEST
-
none variation

OZONE TEST
ISO 3011
none crack

T. STORAGE
(ºC)
-30 +65

FLAME TEST
ISO 3795
cl 2, NFPA 701 test 2

PERFORATION
RINA 3.A1.2.7
(N) > 100

EXERCISE 7 days -70°C
ISO 6065
none variation

Characteristics

THICK
ISO 2286/3
(mm) 7,0±0,1

WEIGHT
ISO 2286/2
(kg/m2) 1,7±0,1

LOAD BREAK
ISO 1421
6000 N/50mm

WARP EXTENSION
ISO 1421/V1
3000 N/50mm

TEXTURE EXTENSION
ISO 1421/V1
2800 N/50mm

WARP BREAK
dIN 53363
300 N

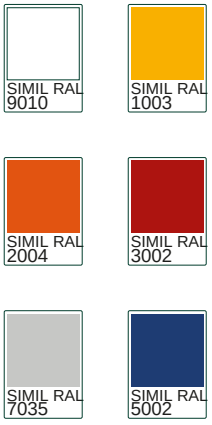
TEXTURE BREAK
dIN 53363
300 N

ADHESION
PA 09.03 (internal)
15 N/cm

THERMAL CONDUCTIVITY
-
: P M {

ISOLATION INDEX
-
Rw= 17,5 dB

EMPLOYMENT
industry, refrigerators, car washes, supermarkets, warehouses

ASSOCIATION
-

Colors