

HYPERACK INDUSTRIAL AUTOMATION CABINETS



DESCRIPTION CABINET:

Universal indoor HYPERACK cabinet for industrial automation equipment and machines. Flexible configuration and a wide range of accessories mean that this cabinet may house electric and electronic equipment, controlling systems etc. together with a mounting plate. It can be easily adapted for mixed applications such as data transmission and power management. Wide variety of dimensions and mechanical properties make this model one of the best solutions available on the market. Tilting frame may be installed as an option.

CONFIGURATION::

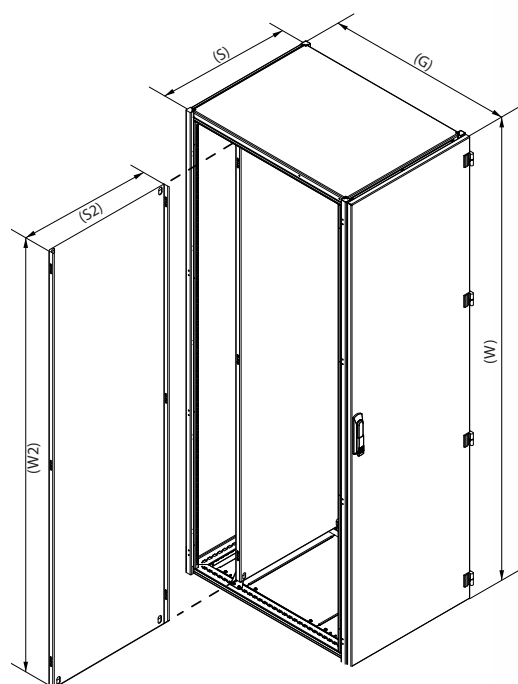
1. Max. load up to 1200kg
2. Glazed or steel left/right door with a multipoint lock. When ordering left-opening doors please mention this information on purchase order.
3. Side walls are mounted with screws, chosen separately
4. Cabinet placed directly on plinth, chosen separately
5. Optionally installed fans provide additional source of ventilation
7. Rear wall, screwed on
8. Multisectional bottom plate
9. Flat roof
10. Mounting plate on total building surface.

TECHNICAL DATA:

Construction: steel, screwed on

Material: steel sheets # 2MM

Surface finish: all metal parts are phosphatized and coated with fine-grain powder.



Construction details



Trisectional bottom plate with brush strip panel (optional)



Frame with new type of profile



optional fan tray fan tray



Additional racks



Side wall sealing



high quality workmanship

Table of pre-configured 1400 and 1600 mm HYPERACK industrial automation cabinets

Dimensions									Page of catalogue	
Width (W) mm	600	600	800	800	600	600	800	800	72	
Height (H) mm	1400	1400	1400	1400	1600	1600	1600	1600		
Depth (D) mm	400	500	400	500	400	500	400	500		
Width of mounting plate (W2) (mm)	506	506	706	706	506	506	706	706		
Height of mounting plate (H2) (mm)	1324	1324	1324	1324	1524	1524	1524	1524		
Loading capacity (kg)	1200	1200	1200	1200	1200	1200	1200	1200		
Frame of cabinet catalogue number, painted in RAL7035	NG736144	NG736145	NG738144	NG738145	NG736164	NG736165	NG738164	NG738165		
Doors										
Full IP55 glazed door (E Model)	NG111614	NG111614	NG111814	NG111814	NG111616	NG111616	NG111816	NG111816	137	
Front full steel doors										
Back wall mounted with screws										
Side wall										
Screw-fastened side walls 2 pcs	NG060144	NG060145	NG060144	NG060145	NG060164	NG060165	NG060164	NG060165	139	
A kit for arranging cabinets in rows	NG200006	NG200006	NG200006	NG200006	NG200006	NG200006	NG200006	NG200006		
Top panel assembly										
Solid metal sheet top panel										
Plinth / bottom panel										
Solid metal sheet multisectional bottom panel IP55										
Sheet with gland seal (type 3) for trisectional bottom plate IP 55	NG080436	NG080436	NG080438	NG080438	NG080436	NG080436	NG080438	NG080438	147	
Plinth (front and back), solid, RAL 7035	100 mm	NG190061	NG190061	NG190081	NG190081	NG190061	NG190061	NG190081	NG190081	148
	200 mm	NG190062	NG190062	NG190082	NG190082	NG190062	NG190062	NG190082	NG190082	
Plinth side panels, solid, RAL 7035 (2 pcs.)	100 mm	NG195041	NG195051	NG195041	NG195051	NG195041	NG195051	NG195041	NG195051	148
	200 mm	2xNG195041	2xNG195051	2xNG195041	2xNG195051	2xNG195041	2xNG195051	2xNG195041	2xNG195051	
Plinth (front and back), solid, RAL 9005	100 mm	NG191061	NG191061	NG191081	NG191081	NG191061	NG191061	NG191081	NG191081	148
	200 mm	NG191062	NG191062	NG191082	NG191082	NG191062	NG191062	NG191082	NG191082	
Plinth side panels, solid, RAL 9005 (2 pcs.)	100 mm	NG196041	NG196051	NG196041	NG196051	NG196041	NG196051	NG196041	NG196051	148
	200 mm	2xNG196041	2xNG196051	2xNG196041	2xNG196051	2xNG196041	2xNG196051	2xNG196041	2xNG196051	
Leveling feet	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	150	
Internal installation/Accessories										
Mounting plate										
Adjustable frame	NG152214	NG152214	NG152014	NG152014	NG152216	NG152216	NG152016	NG152016	99	
Vertical profiles (inch)	NA170229	NA170229	NA170229	NA170229	NA170233	NA170233	NA170233	NA170233	153	
Vertical profiles (metrical)	NG185140	NG185140	NG185140	NG185140	NG185160	NG185160	NG185160	NG185160	153	
Construction support for building of 19"width	2xNA150104	2xNA150105	2xNA171981 +NA150714	2xNA171981 +NA150714	2xNA150104	2xNA150105	2xNA171981 +NA150716	2xNA171981 +NA150716	159	
Construction support for building of 21"width	-	-	2xNA171181 +NA150714	2xNA171181 +NA150714	-	-	2xNA171181 +NA150716	2xNA171181 +NA150716	159	
Construction support for building of total cabinet width	2xNA150104	2xNA150105	2xNA150104	2xNA150105	2xNA150104	2xNA150105	2xNA150104	2xNA150105	156	
Masking frame for building of 19"width	NG187164	NG187164	NG187194	NG187194	NG187166	NG187166	NG187196	NG187196	102	
Masking frame for building of 21"width	-	-	NG187114	NG187114	-	-	NG187116	NG187116	102	
Masking frame for building of total cabinet width (metrical)	NG187064	NG187064	NG187084	NG187084	NG187066	NG187066	NG187086	NG187086	102	
Grounding bar 450mm	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166	
Grounding cables	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	166	



Additional information:

- standard equipment of a pre-configured cabinet.

Table of pre-configured 1800 mm HYPERACK industrial automation cabinets

Dimensions									Page of catalogue	
Width (W) mm	600	600	600	800	800	800	1200	1200	72	
Height (H) mm	1800	1800	1800	1800	1800	1800	1800	1800		
Depth (D) mm	400	500	600	400	500	600	500	600		
Width of mounting plate (W2) (mm)	506	506	506	706	706	706	1106	1106		
Height of mounting plate (H2) (mm)	1724	1724	1724	1724	1724	1724	1724	1724		
Loading capacity (kg)	1200	1200	1200	1200	1200	1200	1200	1200		
Frame of cabinet catalogue number, painted in RAL7035	NG736184	NG736185	NG736186	NG738184	NG738185	NG738186	NG742185	NG742186		
Doors										
Full IP55 glazed door (E Model)	NG111618	NG111618	NG111618	NG111818	NG111818	NG111818	-	-	137	
Front full steel doors – one-winged							-	-		
Front full steel doors – double-winged	NG140618	NG140618	NG140618	NG140818	NG140818	NG140818			136	
Back wall mounted with screws										
Side wall										
Screw-fastened side walls 2 pcs	NG060184	NG060185	NG060186	NG060184	NG060185	NG060186	NG060185	NG060186	139	
Sectional wall IP55	NG068184	NG068185	NG068186	NG068184	NG068185	NG068186	NG068185	NG068186	142	
A kit for arranging cabinets in rows	NG200006	NG200006	NG200006	NG200006	NG200006	NG200006	NG200006	NG200006		
Top panel assembly										
Solid metal sheet top panel										
Plinth / bottom panel										
Solid metal sheet multisectional bottom panel IP55										
Sheet with gland seal (type 3) for trisectional bottom plate IP 55	NG080436	NG080436	NG080436	NG080438	NG080438	NG080438	NG080436	NG080436	147	
Plinth (front and back), solid, RAL 7035	100 mm	NG190061	NG190061	NG190061	NG190081	NG190081	NG190081	NG190021	NG190021	148
	200 mm	NG190062	NG190062	NG190062	NG190082	NG190082	NG190082	NG190022	NG190022	
Plinth side panels, solid, RAL 7035 (2 pcs.)	100 mm	NG195041	NG195051	NG195061	NG195041	NG195051	NG195061	NG195051	NG195061	148
	200 mm	2xNG195041	2xNG195051	2xNG195061	2xNG195041	2xNG195051	2xNG195061	2xNG195051	2xNG195061	
Plinth (front and back), solid, RAL 9005	100 mm	NG191061	NG191061	NG191061	NG191081	NG191081	NG191081	NG191021	NG191021	148
	200 mm	NG191062	NG191062	NG191062	NG191082	NG191082	NG191082	NG191022	NG191022	
Plinth side panels, solid, RAL 9005 (2 pcs.)	100 mm	NG196041	NG196051	NG196061	NG196041	NG196051	NG196061	NG196051	NG196061	148
	200 mm	2xNG196041	2xNG196051	2xNG196061	2xNG196041	2xNG196051	2xNG196061	2xNG196051	2xNG196061	
Leveling feet	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	150	
Internal installation/Accessories										
Mounting plate										
Adjustable frame	NG152218	NG152218	NG152218	NG152018	NG152018	NG152018	1)	1)	99	
Vertical profiles (inch)	NA170238	NA170238	NA170238	NA170238	NA170238	NA170238	1)	1)	153	
Vertical profiles (metrical)	NG185180	NG185180	NG185180	NG185180	NG185180	NG185180	1)	1)	153	
Construction support for building of 19"width	2xNA150104	2xNA150105	2xNA150106	2xNA172902 +NA150718	2xNA172902 +NA150718	2xNA172902 +NA150718	1)	1)	160	
Construction support for building of 21"width	-	-	-	2xNA171101 +NA150718	2xNA171101 +NA150718	2xNA171101 +NA150718	1)	1)	160	
Construction support for building of total cabinet width	2xNA150104	2xNA150105	2xNA150106	2xNA150104	2xNA150105	2xNA150106	-	-	156	
Masking frame for building of 19"width	NG187168	NG187168	NG187168	NG187198	NG187198	NG187198	-	-	102	
Masking frame for building of 21"width	-	-	-	NG187118	NG187118	NG187118	-	-	102	
Masking frame for building of total cabinet width (metrical)	NG187068	NG187068	NG187068	NG187088	NG187088	NG187088	-	-	102	
Grounding bar 450mm	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166	
Grounding cables	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	166	



Additional information:
- standard equipment of a pre-configured cabinet.

Table of pre-configured 2000 mm HYPERACK industrial automation cabinets

Dimensions									Page of catalogue
Width (W) mm	600	600	600	600	800	800	800	800	72
Height (H) mm	2000	2000	2000	2000	2000	2000	2000	2000	
Depth (D) mm	400	500	600	800	400	500	600	800	
Width of mounting plate (W2) (mm)	506	506	506	506	706	706	706	706	
Height of mounting plate (H2) (mm)	1924	1924	1924	1924	1924	1924	1924	1924	
Loading capacity (kg)	1200	1200	1200	1200	1200	1200	1200	1200	
Frame of cabinet catalogue number, painted in RAL7035	NG736204	NG736205	NG736206	NG736208	NG738204	NG738205	NG738206	NG738208	
Doors									
Full IP55 glazed door (E Model)	NG111620	NG111620	NG111620	NG111620	NG111820	NG111820	NG111820	NG111820	137
Front full steel doors – one-winged									
Front full steel doors – double-winged	NG140620	NG140620	NG140620	NG140620	NG140820	NG140820	NG140820	NG140820	136
Back wall mounted with screws									
Side wall									
Screw-fastened side walls 2 pcs	NG060204	NG060205	NG060206	NG060204	NG060205	NG060206	NG060205	NG060206	139
Sectional wall IP55	NG068204	NG068205	NG068206	NG068204	NG068205	NG068206	NG068205	NG068206	142
A kit for arranging cabinets in rows	NG200204	NG200205	NG200206	NG200208	NG200202	NG200205	NG200206	NG200208	
Top panel assembly									
Solid metal sheet top panel									
Plinth / bottom panel									
Solid metal sheet multisectional bottom panel IP55									
Sheet with gland seal (type 3) for trisectional bottom plate IP 55	NG080436	NG080436	NG080436	NG080436	NG080438	NG080438	NG080438	NG080438	147
Plinth (front and back), solid, RAL 7035	100 mm	NG190061	NG190061	NG190061	NG190061	NG190081	NG190081	NG190081	148
	200 mm	NG190062	NG190062	NG190062	NG190062	NG190082	NG190082	NG190082	
Plinth side panels, solid, RAL 7035 (2 pcs.)	100 mm	NG195041	NG195051	NG195061	NG195081	NG195041	NG195051	NG195061	148
	200 mm	2xNG195041	2xNG195051	2xNG195061	2xNG195081	2xNG195041	2xNG195051	2xNG195061	
Plinth (front and back), solid, RAL 9005	100 mm	NG191061	NG191061	NG191061	NG191061	NG191081	NG191081	NG191081	148
	200 mm	NG191062	NG191062	NG191062	NG191062	NG191082	NG191082	NG191082	
Plinth side panels, solid, RAL 9005 (2 pcs.)	100 mm	NG196041	NG196051	NG196061	NG196081	NG196041	NG196051	NG196061	148
	200 mm	2xNG196041	2xNG196051	2xNG196061	2xNG196081	2xNG196041	2xNG196051	2xNG196061	
Leveling feet	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	NA190000	150
Internal installation/Accessories									
Mounting plate									
Adjustable frame	NG152220	NG152220	NG152220	NG152220	NG152020	NG152020	NG152020	NG152020	99
Vertical profiles (inch)	NA170242	NA170242	NA170242	NA170242	NA170242	NA170242	NA170242	NA170242	153
Vertical profiles (metrical)	NG185200	NG185200	NG185200	NG185200	NG185200	NG185200	NG185200	NG185200	153
Construction support for building of 19"width	2xNA150104	2xNA150105	2xNA150106	2xNA150108	2xNA171981 +NA150720	2xNA171981 +NA150720	2xNA171981 +NA150720	2xNA171981 +NA150720	160
Construction support for building of 21"width	-	-	-	-	2xNA171181 +NA150720	2xNA171181 +NA150720	2xNA171181 +NA150720	2xNA171181 +NA150720	160
Construction support for building of total cabinet width	2xNA150104	2xNA150105	2xNA150106	2xNA150108	2xNA150104	2xNA150105	2xNA150106	2xNA150108	156
Masking frame for building of 19"width	NG187160	NG187160	NG187160	NG187160	NG187190	NG187190	NG187190	NG187190	102
Masking frame for building of 21"width	-	-	-	-	NG187110	NG187110	NG187110	NG187110	102
Masking frame for building of total cabinet width (metrical)	NG187060	NG187060	NG187060	NG187060	NG187080	NG187080	NG187080	NG187080	102
Grounding bar 450mm	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166
Grounding cables	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	NA090000	166



Additional information:

- standard equipment of a pre-configured cabinet.

1) build prepared by manufacturer based on detailed information from customer

For a full enclosure of 200 mm plinths, double 100 mm plinth side panels must be used.

Dimensions not included in the table and other powder colours are delivered as an individual order after prior consultation.

Enclosures are delivered fully assembled.

Table of pre-configured 2000 mm HYPERACK industrial automation cabinets

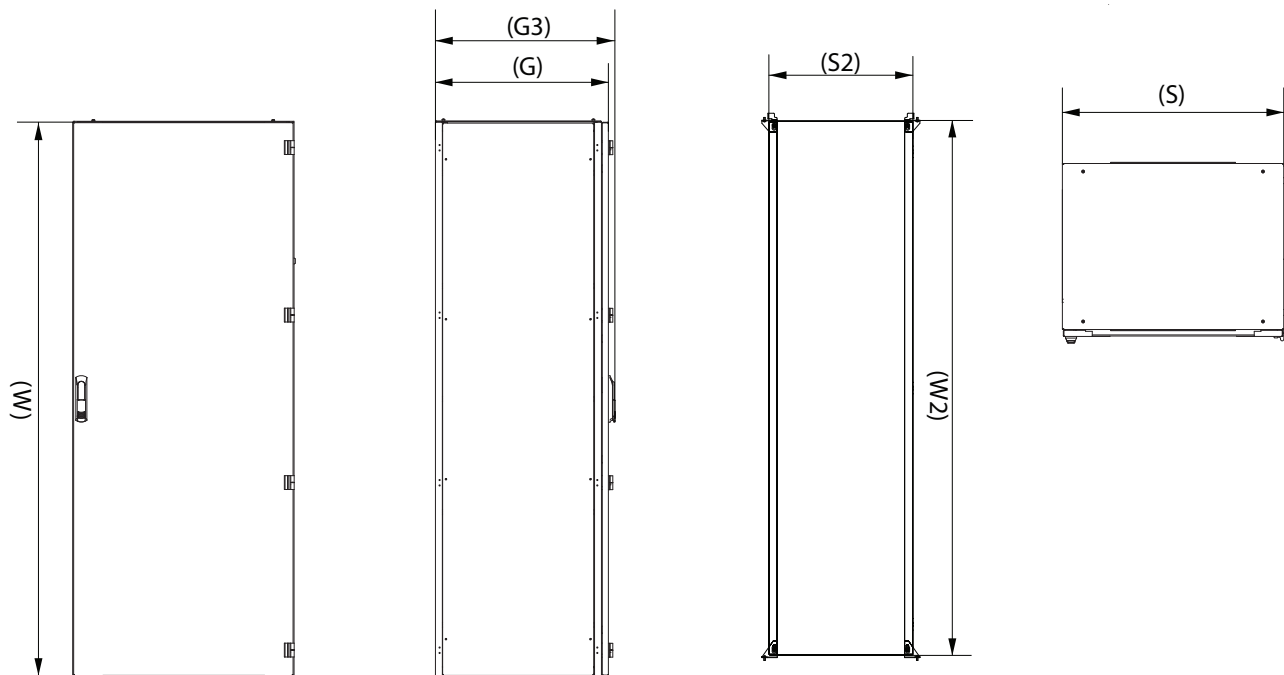
Dimensions						Page of catalogue
Width (W) mm	1000	1000	1200	1200	1200	72
Height (H) mm	2000	2000	2000	2000	2000	
Depth (D) mm	500	600	500	600	800	
Width of mounting plate (mm)	906	906	1106	1106	1106	
Height of mounting plate (mm)	1924	1924	1924	1924	1924	
Loading capacity (kg)	1200	1200	1200	1200	1200	
Frame of cabinet catalogue number, painted in RAL7035	NG740205	NG740206	NG742205	NG742206	NG742208	
Doors						
Full IP55 glazed door (E Model)	-	-	-	-	-	137
Front full steel doors – one-winged	-	-	-	-	-	136
Front full steel doors – double-winged	-	-	-	-	-	
Back wall mounted with screws	-	-	-	-	-	
Side wall						
Screw-fastened side walls 2 pcs	NG060205	NG060206	NG060205	NG060206	NG060208	139
Sectional wall IP55	NG068205	NG068206	NG068205	NG068206	NG068208	142
A kit for arranging cabinets in rows	NG200006	NG200006	NG200006	NG200006	NG200006	
Top panel assembly						
Solid metal sheet top panel						
Plinth / bottom panel						
Solid metal sheet multisectional bottom panel IP55						
Sheet with gland seal (type 3) for trisectional bottom plate IP 55	NG080430	NG080430	NG080436	NG080436	NG080436	147
Plinth (front and back), solid, RAL 7035	100 mm	NG190001	NG190001	NG190021	NG190021	148
	200 mm	NG190002	NG190002	NG190022	NG190022	
Plinth side panels, solid, RAL 7035 (2 pcs.)	100 mm	NG195051	NG195061	NG195051	NG195061	148
	200 mm	2xNG195051	2xNG195061	2xNG195051	2xNG195061	
Plinth (front and back), solid, RAL 9005	100 mm	NG191001	NG191001	NG191021	NG191021	148
	200 mm	NG191002	NG191002	NG191022	NG191022	
Plinth side panels, solid, RAL 9005 (2 pcs.)	100 mm	NG196051	NG196061	NG196051	NG196061	148
	200 mm	2xNG196051	2xNG196061	2xNG196051	2xNG196061	
Leveling feet	NA190000	NA190000	NA190000	NA190000	NA190000	150
Internal installation/Accessories						
Mounting plate						
Adjustable frame	1)	1)	1)	1)	1)	99
Vertical profiles (inch)	1)	1)	1)	1)	1)	153
Vertical profiles (metrical)	1)	1)	1)	1)	1)	153
Construction support for building of 19"width	1)	1)	1)	1)	1)	160
Construction support for building of 21"width	1)	1)	1)	1)	1)	160
Construction support for building of total cabinet width	-	-	-	-	-	156
Masking frame for building of 19"width	-	-	-	-	-	102
Masking frame for building of 21"width	-	-	-	-	-	102
Masking frame for building of total cabinet width (metrical)	-	-	-	-	-	102
Grounding bar 450mm	NA090010	NA090010	NA090010	NA090010	NA090010	166
Grounding cables	NA090000	NA090000	NA090000	NA090000	NA090000	166



Additional information:

- standard equipment of a pre-configured cabinet.
- 1) build prepared by manufacturer based on detailed information from customer
- For a full enclosure of 200 mm plinths, double 100 mm plinth side panels must be used.
- Dimensions not included in the table and other powder colours are delivered as an individual order after prior consultation.
- Enclosures are delivered fully assembled.

Comparison of pre-configured HYPERACK industrial automation cabinets



Dimensions

Cabinets catalogue no. in RAL 7035	Width (W) mm	Height (H) mm	Depth (D) mm	Total depth with door handle (D3) mm	Mounting plate width (W2) of mm	Mounting plate height (H2) of mm
NG736144	600	1400	400	424	506	1324
NG736145	600	1400	500	524	506	1324
NG738144	800	1400	400	424	706	1324
NG738145	800	1400	500	524	706	1324
NG736164	600	1600	400	424	506	1524
NG736165	600	1600	500	524	506	1524
NG738164	800	1600	400	424	706	1524
NG738165	800	1600	500	524	706	1524
NG736184	600	1800	400	424	506	1724
NG736185	600	1800	500	524	506	1724
NG736186	600	1800	600	624	506	1724
NG738184	800	1800	600	624	706	1724
NG738185	800	1800	500	524	706	1724
NG738186	800	1800	600	624	706	1724
NG742185	1200	1800	500	524	1106	1724
NG742186	1200	1800	600	624	1106	1724
NG736204	600	2000	400	424	506	1924
NG736205	600	2000	500	524	506	1924
NG736206	600	2000	600	624	506	1924
NG736208	600	2000	800	824	506	1924
NG738204	800	2000	400	424	706	1924
NG738205	800	2000	500	524	706	1924
NG738206	800	2000	600	624	706	1924
NG738208	800	2000	800	824	706	1924
NG740205	1000	2000	500	524	906	1924
NG740206	1000	2000	600	624	906	1924
NG742205	1200	2000	500	524	1106	1924
NG742206	1200	2000	600	624	1106	1924
NG742208	1200	2000	800	824	1106	1924