ProLine Modular Enclosure Solutions

Engineered for Industrial Environments
Freestanding, Disconnect, Type 12/IP55

Flexibility and Protection

ProLine is a robust enclosure solution that provides powerful mounting options and expansion capabilities. Engineered for industrial environments, ProLine features an innovative modular design which offers users:

- Faster population

- Larger mounting panels

- More mounting options

- More efficient use of interior space

- Larger door openings and improved interior access

- Easier panel loading

- Simple ganging and joining options

- Streamlined field modifications

- Reduced freight costs

Applications

- Industrial controls (Drives, PLC, DCS, SCADA, VFD)

- Networking in industrial environments

- Electrical panels

- Equipment protection

- Power distribution

- HMI controls

- EMI/EMC (Electromagnetic interference/compatibility)

- Many others

The Power of ACCESSIBILITY

Easy access to equipment or electronics is important when considering an enclosure. ProLine enclosures offer large, removable doors for easy installations and access for equipment maintenance. Sides, bases and tops can also be quickly removed for wiring access or to facilitate repairs. Wide mounting subpanels swing-out so you can stack components and better utilize space, while allowing access to the back of the enclosure for maintenance or troubleshooting your equipment after installation.

The Power of FLEXIBILITY

FIELD MODIFICATIONS

If the exterior of the enclosure needs to be modified after installation—to add a fan, tower light, potentiometer, or other component—the effected wall panel, door, or top can be simply removed and the modification can be made on the flat component in a controlled environment. This avoids having to modify the enclosure in the operating environment, when attached to equipment, on the manufacturing floor, or in the network center or cleanroom.

ECONOMY OF SCALE

ProLine's expandability and configuration options enable the same enclosure system to be used for a wide array of applications. The advantages of modular "plug and play" architecture has been clearly recognized and embraced in the electronics industry. Using a common set of standard components provides shorter development time lines. If needs change or expansion is necessary enclosures can be expanded to save cost, time and labor instead of building an entirely new enclosure system.
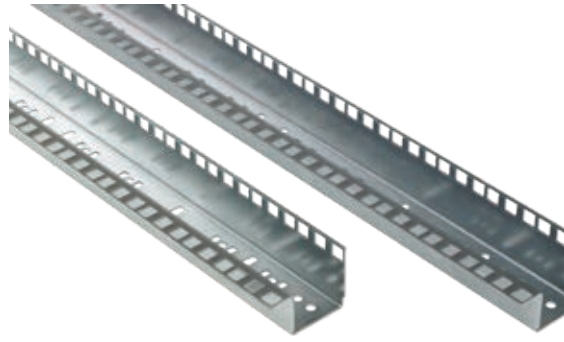
The Power of EFFICIENCY

THREE DIMENSIONAL DESIGN

ProLine preconfigured enclosures include a full height mounting subpanel for traditional 2D enclosure design, but also provide additional mounting capabilities which enable you to utilize more of the space within the enclosure—resulting in smaller, more efficient enclosure design.

MOUNTING OPTIONS
- Full-height or partial subpanels
- Rack mounting
- Swing-out panels or racks
- Door or side mounting
- Grid system or bar mounting
- DIN rail mounting

Rack angles available in 19", 23" and 24" configurations. Metric options available. Can be mounted directly to frame or to grid/rail system.

Mounting grid system. Accessories or equipment can be attached directly to grid system.

SIZE RIGHT WITH SIMPLE EXPANSION

ProLine enclosures can be easily joined or bayed without the need to make any modifications to the existing enclosure, while keeping the protection rating intact. This unique trait enables you to size your enclosure to your current needs with the assurance that you can expand in the future without cutting or drilling—potentially compromising your protection integrity. You can save space and money now, with the confidence that you can expand when the need arises.

Ganged/joined enclosure with optional joining subpanel.

The Power of INNOVATION

STRENGTH WHERE YOU NEED IT

The strength of the ProLine enclosure comes from the frame, and the enclosure is designed so the frame bears the load when the subpanel or com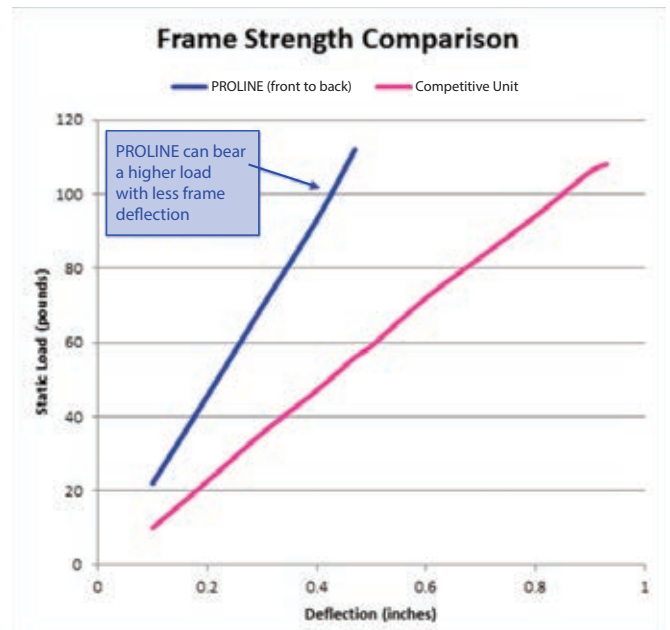ponents are populated. Optimized for strength in the back of the enclosure (which typically bears the heaviest load), ProLine features a welded 12 gauge (2.5mm) frame which is thicker and heavier than other enclosure systems.

Other enclosure systems use a hollow or closed frame and rely on a large number of folds to provide strength. This technique can save on material costs, but if the frame gets inadvertently dented, the strength of the enclosure can be significantly reduced. Similar to how a hollow soda pop can support the weight of a person—until a side gets dented or bent.

EXPERTS IN INDUSTRIAL SOLUTIONS

ProLine is the third generation modular product developed by Hoffman. We're a leader in industrial enclosure solutions for over 70 years, and we continue to improve upon our products to bring you the best solutions in the industry. Engineered by a veteran team of experts in protective enclosure design, ProLine was specifically designed to withstand the unique demands of the industrial environment.

Frame Strength Comparison

— PROLINE (front to back)   — Competitive Unit

PROLINE can bear a higher load with less frame deflection

Static Load (pounds) vs Deflection (inches)

ProLine Preconfigured Industrial Packages

TYPE 12 UL®/NEMA/EEMAC IP55 IEC/VDE

ProLine preconfigured industrial packages include a solid door, roof and rear wall; full subpanel, gland plate, and four lifting rings. Side walls and bases can be ordered separately with many options to choose from to suit your application. Refer to the ProLine Configuration Handbook for more information.

- Reversible door (single or double)
- Top wall roof plate
- Rear wall
- Full subpanel
- Gland plate (for cable management)
- Lifting eyes

Preconfigured Industrial Package Model Key

Model	Door	Height	Width	Depth	Access	No of Mtg Plates	=	Catalog Number
PP	BLANK	22	8	6	BLANK	BLANK	=	PP2286
ProLine	Blank = single door OD = double door DD = diconnect door	mm/in 22 = 2200/86.6 20 = 2000/78.7 18 = 1800/70.9 16 = 1600/64.0 14 = 1400/15.8	mm/in 12 = 1200/47.3 10 = 1000/39.3 8 = 800/31.5 6 = 600/23.6	mm/in 8 = 800/31.5 6 = 600/23.6 5 = 500/19.7 4 = 400/15.8	Blank = Front Access RA = Front &Rear Access	Blank = 1 Mtg Plate 0 = No Mtg Plate 2= 2 Mtg Plate		

CUSTOM SIZES AVAILABLE ON REQUEST

Front Acess Single Door and Single Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	600/23.6	400/15.7	PP1864	PSS184	PPB164
1800/70.9	600/23.6	500/19.7	PP1865	PSS185	PPB165
1800/70.9	600/23.6	600/23.6	PP1866	PSS186	PPB166
1800/70.9	800/31.5	400/15.7	PP1884	PSS184	PPB184
1800/70.9	800/31.5	500/19.7	PP1885	PSS185	PPB185
1800/70.9	800/31.5	600/23.6	PP1886	PSS186	PPB186
1800/70.9	800/31.5	800/31.5	PP1888	PSS188	PPB188
2000/78.7	500/19.7	500/19.7	PP2055	PSS205	PPB155
2000/78.7	600/23.6	500/19.7	PP2065	PSS205	PPB165
2000/78.7	600/23.6	600/23.6	PP2066	PSS206	PPB166
2000/78.7	600/23.6	800/31.5	PP2068	PSS208	PPB168
2000/78.7	800/31.5	400/15.7	PP2084	PSS204	PPB184
2000/78.7	800/31.5	500/19.7	PP2085	PSS205	PPB185
2000/78.7	800/31.5	600/23.6	PP2086	PSS206	PPB186
2000/78.7	800/31.5	800/31.5	PP2088	PSS208	PPB188
2200/86.6	600/23.6	400/15.7	PP2064	PSS224	PPB164
2200/86.6	600/23.6	600/23.6	PP2266	PSS226	PPB166
2200/86.6	800/31.5	600/23.6	PP2286	PSS226	PPB186

Front Acess Single Door with No Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	800/31.5	600/23.6	PP18860	PSS186	PPB186
2000/78.7	600/23.6	600/23.6	PP20660	PSS206	PPB166
2000/78.7	600/23.6	800/31.5	PP20680	PSS208	PPB168
2000/78.7	800/31.5	600/23.6	PP20860	PSS206	PPB186
2000/78.7	800/31.5	800/31.5	PP20880	PSS208	PPB188
2200/86.6	800/31.5	600/23.6	PP22860	PSS226	PPB186
2200/86.6	800/31.5	800/31.5	PP22880	PSS228	PPB188

CUSTOM SIZES AVAILABLE ON REQUEST

Front & Rear Acess Single Door with No Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	800/31.5	600/23.6	PP1886RA0	PSS186	PPB186
1800/70.9	800/31.5	800/31.5	PP1886RA0	PSS188	PPB188
2000/78.7	600/23.6	600/23.6	PP2066RA0	PSS206	PPB166
2000/78.7	600/23.6	800/31.5	PP2068RA0	PSS208	PPB168
2000/78.7	800/31.5	600/23.6	PP2086RA0	PSS206	PPB186
2000/78.7	800/31.5	800/31.5	PP2088RA0	PSS208	PPB188
2200/86.6	800/31.5	600/23.6	PP2286RA0	PSS226	PPB186
2200/86.6	800/31.5	800/31.5	PP2288RA0	PSS228	PPB188

Front & Rear Acess Single Door with two Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	800/31.5	600/23.6	PP1886RA2	PSS186	PPB186
1800/70.9	800/31.5	800/31.5	PP1888RA2	PSS188	PPB188
2000/78.7	600/23.6	600/23.6	PP2066RA2	PSS206	PPB166
2000/78.7	600/23.6	800/31.5	PP2068RA2	PSS208	PPB168
2000/78.7	800/31.5	600/23.6	PP2086RA2	PSS206	PPB186
2000/78.7	800/31.5	800/31.5	PP2088RA2	PSS208	PPB188
2200/86.6	800/31.5	600/23.6	PP2286RA2	PSS226	PPB186
2200/86.6	800/31.5	800/31.5	PP2288RA2	PSS228	PPB188

Front Acess Overlapping Door with one Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	1000/39.4	400/15.7	PPOD18104	PSS184	PPB1104
1800/70.9	1000/39.4	600/23.6	PPOD18106	PSS186	PPB1106
1800/70.9	1200/47.2	400/15.7	PPOD18124	PSS184	PPB1124
1800/70.9	1200/47.2	500/19.7	PPOD18125	PSS185	PPB1125
1800/70.9	1200/47.2	600/23.6	PPOD18126	PSS186	PPB1126
1800/70.9	1200/47.2	800/31.5	PPOD18128	PSS188	PPB1128
2000/78.7	1000/39.4	500/19.7	PPOD20105	PSS205	PPB1105
2000/78.7	1000/39.4	600/23.6	PPOD20106	PSS206	PPB1106
2000/78.7	1000/39.4	800/31.5	PPOD20108	PSS208	PPB1108
2000/78.7	1200/47.2	400/15.7	PPOD20124	PSS204	PPB1124
2000/78.7	1200/47.2	500/19.7	PPOD20125	PSS205	PPB1125
2000/78.7	1200/47.2	600/23.6	PPOD20126	PSS206	PPB1126
2000/78.7	1200/47.2	800/31.5	PPOD20128	PSS208	PPB1128
2000/78.7	1200/47.2	600/23.6	PPOD22126	PSS206	PPB1126
2200/86.6	1200/47.2	800/31.5	PPOD22128	PSS228	PPB1128

Front & Rear Acess Overlapping Door with one Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	1200/47.2	600/23.6	PPOD18126RA1	PSS186	PPB1126
2000/78.7	1000/39.4	600/23.6	PPOD20106RA1	PSS206	PPB1106
2000/78.7	1000/39.4	800/31.5	PPOD20108RA1	PSS208	PPB1108
2000/78.7	1200/47.2	600/23.6	PPOD20126RA1	PSS206	PPB1126
2000/78.7	1200/47.2	800/31.5	PPOD20128RA1	PSS208	PPB1128

Front Acess Overlapping Door with No Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
2000/78.7	1000/39.4	600/23.6	PPOD201060	PSS206	PPB1106
2000/78.7	1000/39.4	800/31.5	PPOD201080	PSS208	PPB1108
1800/70.9	1200/47.2	600/23.6	PPOD181260	PSS186	PPB1126
2000/78.7	1200/47.2	600/23.6	PPOD201260	PSS206	PPB1126
2000/78.7	1200/47.2	800/31.5	PPOD201280	PSS208	PPB1128

Front & Rear Acess Overlapping Door with No Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	1000/39.4	800/31.5	PPOD18106RA0	PSS188	PPB1108
1800/70.9	1200/47.2	600/23.6	PPOD20126RA0	PSS186	PPB1126
2000/78.7	1000/39.4	600/23.6	PPOD20106RA0	PSS206	PPB1106
2000/78.7	1000/39.4	800/31.5	PPOD20108RA0	PSS208	PPB1108
2000/78.7	1200/47.2	600/23.6	PPOD20126RA0	PSS206	PPB1126
2000/78.7	1200/47.2	600/23.6	PPOD18128RA0	PSS206	PPB1126
2000/78.7	1200/47.2	800/31.5	PPOD20128RA0	PSS208	PPB1128

Front & Rear Acess Overlapping Door with 2 Mounting Plate

H*	W*	D*	Catalog Number	Side Cover**	Plinth Base***
1800/70.9	1200/47.2	600/23.6	PPOD18126RA2	PSS186	PPB1126
2000/78.7	1000/39.4	600/23.6	PPOD20106RA2	PSS206	PPB1106
2000/78.7	1000/39.4	800/31.5	PPOD20108RA2	PSS208	PPB1108
2000/78.7	1200/47.2	600/23.6	PPOD20126RA2	PSS206	PPB1126
2000/78.7	1200/47.2	800/31.5	PPOD20128RA2	PSS208	PPB1128

* Actual dimensions: (H-15)x(W-1)x(D-1)

** Side Cover Sold Separately in Set of 2

*** Base Plinth Sold Separately

Free Factory Assembly

Whether you need a standard preconfigured industrial package or a custom solution, ProLine enclosures can be assembled at the factory free of charge as part of Hoffman's unique Assemble-To-Order (ATO) program.

Save time and hassle by using this free service offering.

- Factory assembly by certified professionals
- Preconfigured or custom solutions
- No fee
- Fast delivery

A·T·O

Ask about our Assembly-To-Order program!

CUSTOM SOLUTIONS WITH STANDARD COMPONENTS

ProLine features a comprehensive set of standard components and accessories. These standard components can be used to create a custom enclosure uniquely suited to your application. For more information on optional standard components and accessories, refer to the ProLine Configuration Handbook.

OPTIONS

Standard Components and Accessories

- Swing-out subpanel options and accessories
- Swing rack options and accessories
- Rack mounting options and accessories
- Grid and rail mounting system and accessories
- Side wall and door options and accessories
- Base options and accessories (plinth base, joining base, casters, transportation base, filtered gland plate)
- Roof options and accessories (vented, integral fan, pagoda exhaust vents, air conditioners)
- Door options and accessories (window doors, dress frame, 180° swing)
- Ganging and joining kits
- Barrier panels
- Desk consoles
- Cable management solutions and accessories
- EMC solutions
- Interlock, handle, and lock options
- Enclosure accessories (shelves, LED lights, spare part kits)

Exterior Solutions

Window Doors

Disconnect Doors

Window Kit

Casters
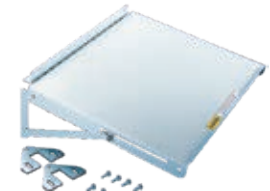
Interior Solutions

Barrier Panel

Heavy Duty Swing-Out Panel

LED Light

Folding Shelf For Door

Cable Management Solutions

Cable Entry Cabinets

Vertical Tie-Down Bracket

Vertical Tie-Down Cable Manager

ProLine Gold Series Desk Consoles & Computer Work Stations
TYPE 12 UL®/NEMA/CSA/EEMAC IP55 IEC/VDE

PROLINE GOLD SERIES DESK CONSOLES
Form, Function and Value

The ProLine Gold Series Desk Console provides an ideal surface for mounting an HMI or HMI controls such as keyboards, switches, or lights or HMIs. It is ergonomically designed so operators can sit or stand while working.

- 25-degree sloped top
- Top door with built-in handle and door prop
- Lower front solid door
- A single part number orders a fully configured desk console
- Dual-access option with front and rear doors for easy access
- Accepts most ProLine accessories

PROLINE GOLD SERIES COMPUTER WORKSTATIONS
Superior Protection for your PC at an Affordable Price

ProLine Gold Series Computer Workstations are full-featured, pre-assembled enclosures designed to provide superior protection for computer systems in industrial environments.

- Upper window door with 5-degree slope for reduced glare
- Lower front solid door
- Rear solid door
- Fold-down keyboard compartment with slide-out mouse tray
- Interior shelves (2)
- Lifting eyes
- Variety of front operator interface (keyboard) options
- Accepts most ProLine accessories

PROLINE GOLD SERIES COMPUTER WORK STATIONS
*Custom sizes available on request

Nominal Size Height mm/in.	Nominal Size Width mm/in.	Nominal Size Depth mm/in.	Top Door Opening Height mm/in.	Bottom Door Opening Height mm/in.	Rear Door Opening Height mm/in.	Catalog Number
1400/55.1	600/23.6	600/23.6	405/16	710/28	1455/57	PGLD1466CWS
1400/55.1	600/23.6	800/31.5	405/16	710/28	1455/57	PGLD1468CWS
1400/55.1	800/31.5	600/23.6	405/16	710/28	1455/57	PGLD1486CWS
1600/64.0	600/23.6	600/23.6	435/17	740/29	1510/60	PGLD1666CWS
1600/64.0	600/23.6	600/23.6	435/17	740/29	1510/61	PGLD1668CWS
1600/64.0	600/23.6	600/23.6	435/17	740/29	1510/62	PGLD1686CWS
1800/70.9	600/23.6	600/23.6	635/25	740/29	1710/37	PGLD1866CWS
1800/70.9	600/23.6	800/31.5	635/25	740/29	1710/37	PGLD1868CWS
1800/70.9	800/31.5	600/23.6	635/25	740/29	1710/37	PGLD1886CWS

Modified and Custom Enclosures

We're not successful unless our customers are successful. That's why we collaborate with industry experts and system engineers to tailor Hoffman solutions to the specific needs of the industrial environment. Start with a standard enclosure and modify it with custom color options as well as special cut-outs or hole patterns. Need something more complex? Hoffman has years of experience engineering completely customized electrical enclosure solutions from the ground up.

CUSTOMER FIRST

SPARE PART AVAILABILITY

Need an extra bracket or handle? At Hoffman, we take pride in providing world class customer service. Responsiveness and customer satisfaction are company priorities and employees world-wide are focused on performing to the high level both Hoffman customers and our company culture expects.

WORLD CLASS SUPPORT

With over 30,000 employees across the globe and field offices in 30 countries, Hoffman offers unparalleled customer support to quickly respond to your needs. Depend on Hoffman for local customer service, regional spare parts inventories and competitive standard warranties. Extended warranties and preventive maintenance are also available.

LEGENDARY QUALITY

WORRY FREE PROTECTION

When you make a substantial investment in your equipment, you need to know it's protected. Hoffman products are developed in world-class test facilities, based on 70+ years of enclosures experience. They're rigorously tested above and beyond typical industry standards for dust infiltration, thermal cycling, salt fog corrosion, vibration resistance and many other performance measures. The ProLine enclosure system conforms to a comprehensive set of global standards including UL®, CSA, NEMA, IEC, and VDE.

QUALITY AND RELIABILITY

Hoffman products provide the legendary quality and reliability that have been setting the standard since the 1940's. Precision welds, smooth grinds, square corners, secure doors and latches, perfect finish and tight seals are what you expect and what Hoffman's high standards demand.

SPECIFICATIONS

PROTECTION RATING	Type 12 NEMA/EEMAC UL® 508A Listed; File Number E61997 IP55 IEC 60529, VDE
CONFIGURATION	Frame Door/s Lock Mounting subpanel Gland plates Rear Cover Top Cover 4 eyebolts

MATERIAL

Frame	2.5 mm carbon steel
Doors	2.0 mm for widths 800 mm and above, carbon steel 1.5 mm for 600 mm and below, carbon steel
Mounting subpanel	3.0 mm GI 120 GSM
Rear panel & Top panel	1.5 mm carbon steel

SURFACE FINISH	Frame, door, top panel and rear panel dip coated primed, powder-coated Color RAL 7035 textured light-gray Custom colors available upon request
APPROVALS	UL® CE
DETAILED DRAWING	Readily available; visit https://enclosures.nvent.com/ for more information.

DETAILS

Frame	2.5mm, roll-formed, robotically welded with solid steel, fully welded corners; accommodates 25 mm DIN standard
Gasket	Seamless foam-in-place gasket provides a protective seal against moisture and contaminants
Door hinge	Right hinge default in India.
Lock	Double bit insert
Grounding	Ground studs on door, rear and top panel.
Special sizes	Available

North America

Minneapolis, MN	Tel: +1.763.421.2240
Mexico City, Mexico	Tel: +52.55.5280.1449
Toronto, Canada	Tel: +1.416.289.2770

South America

Sao Paulo, Brazil	Tel: +55.11.5184.2100
Boituva, Brazil	Tel: +55.15.3363.9148

Europe

Betschdorf, France	Tel. +33.3.88.90.64.90
Straubenhardt, Germany	Tel: +49.7082.794.0
Dzierzoniow, Poland	Tel: +48.74.64.63.900
Assago, Italy	Tel. +39.02.5776151.224

Middle East & India

Dubai, United Arab Emirates	Tel: +971.4.378.1700
Bangalore, India	Tel: +91.80.6715.2001

Asia

Shanghai, P.R. China	Tel: +86.21.2412.6943
Singapore	Tel: +65.6768.5800
Shin-Yokohama, Japan	Tel: +81.45.476.0271
Seoul, Korea	Tel: +82.2.2129.7755
Qingdao	Tel: +86.532.8771.6101

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