BLAST RESISTANT BUILDING

CATALOG
When it comes to supplying essential industrial equipment, you need a company that gets the job done right.

That’s the mark of Tiger.
THE TIGER INDUSTRIAL ADVANTAGE

SAFETY:
- Designed for occupant safety
- Designed to VCE duration requirements
- Design review performed by Qualified Blast Design Engineers

QUALITY:
- Documented welding procedures
- Material traceability
- 3rd party QC inspection reports

DELIVERY:
- Manufacturing capacity to meet large project schedules
- Rapid deployment
- International logistics experience
- Capabilities to deliver all sizes with either flatbed and rollback

SERVICE:
- 24-hour “on call” customer service
- Staff service technicians
- Service centers

FACILITY - LIBERTY, TX

PRODUCTION CAPACITY:
Product manufacturing capacity is allocated to different geographic locations based on sales and delivery requirements.

170,000 Sq. Ft. of shop capacity is dedicated to Blast Resistant Module production
12' x 40' BLAST RESISTANT BUILDING

**SPECIFICATIONS**
- **W x L x H** - 12' 8” x 40’ x 10’ 6”
- 8.0 PSI – 200 M SEC, Medium Response
- (4) Lifting Lugs
- (1) HVAC - Central Air & Heat Class I Div II - Upgrade Included
- (1) 240 V, 100 A, Single Phase, Class I Div II - External Electrical Connection - Upgrade Included
- (2) Blast Rated Doors
- (2) Blast Rated Windows - Upgrade Included
- (3) Smoke Detectors Located In Interior Of Building, Connected to a 6-Zone Fire Panel
- (1) Wireless Signal Repeater With Antenna - Upgrade Included
- (1) Fire Extinguisher
- (8) 4' Long Dual Bulb Fluorescent Lights
- (2) Emergency Exit Lights
- (11) Duplex Electrical Outlets
- (10) Data Ports
- (10) Phone Ports
- Interior Wall Covering - .020 Aluminized Textured Sheet Rock – Bone White - Upgrade Included
- Heavy Industrial Rubberized Tile Floors - Upgrade Included
- Exterior Paint - Direct To Metal, Rust Inhibiting, High Solids Urethane
- Data/Phone Connection System – 110 Punch Panel and Cat 5 Patch Panel
- Easy Access Plumbing And Sewage Ports

**OPTIONAL UPGRADE OPTIONS**
- LEL and H₂S gas detection
- Office Partitions
- Bathrooms
- Multi Unit Complexes

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**BLAST RESISTANT BUILDINGS**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>PSI RATING</th>
<th>DURATION</th>
<th>RESPONSE LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>12' x 40'</td>
<td>8.0 PSI</td>
<td>200 MS</td>
<td>MEDIUM</td>
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**MULTI-PLEX BUILDINGS**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>PSI RATING</th>
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<th>RESPONSE LEVEL</th>
</tr>
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<tbody>
<tr>
<td>24' x 40'</td>
<td>8.0 PSI</td>
<td>200 MS</td>
<td>MEDIUM</td>
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</table>

<table>
<thead>
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<tbody>
<tr>
<td>36' x 40'</td>
<td>8.0 PSI</td>
<td>200 MSEC</td>
<td>MEDIUM</td>
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**8’ x 40’ BLAST RESISTANT BUILDING**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>PSI</th>
<th>DURATION</th>
<th>RESPONSE LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>8’x40’</td>
<td>6.3 PSI</td>
<td>800 MS</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>8’x40’</td>
<td>8.0 PSI</td>
<td>42.5 MS</td>
<td>MEDIUM</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**
- W x L x H - 8’ x 40’ x 8’6”
- Weight – 22,000 LBS
- (4) Lifting Lugs
- (2) HVAC – 18,000 BTU Units, Non-Classified Electrical
- Insulated
- (1) 240 V, 100 A, Single Phase, Non-Classified Electrical
- (2) Blast Rated Doors
- (2) Blast Rated Windows
- (6) 4’ Long Dual Bulb Fluorescent Lights
- (6) Duplex Electrical Outlets
- (3) Data Ports
- (3) Phone Ports
- (1) Fire Extinguisher
- (2) Emergency Exit Lights
- Interior Wall Covering - 3/4” Industrial Grade Plywood
- Heavy Industrial Rubberized Tile Floors
- Exterior Paint - Direct To Metal, Rust Inhibiting, High Solids Urethane (Steel Grit Blast Prep)
- (2) Smoke Detectors

**OPTIONAL ADDITIONAL UPGRADES**
- Tool/Material Racks And Cabinets
- Wireless/Radio Signal Amplifier

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**8’ x 40’ BLAST RESISTANT TOOL ROOM**

**SPECIFICATIONS**
- W x L x H - 8’ x 40’ x 8’6”
- Weight – 22,000 LBS
- (4) Lifting Lugs
- (2) HVAC – 18,000 BTU Units, Non-Classified Electrical
- Insulated
- (1) 240 V, 100 A, Single Phase, Non-Classified Electrical
- (2) Blast Rated Doors
- (2) Blast Rated Windows
- (6) 4’ Long Dual Bulb Fluorescent Lights
- (6) Duplex Electrical Outlets
- (3) Data Ports
- (3) Phone Ports
- (1) Fire Extinguisher
- (2) Emergency Exit Lights
- Interior Wall Covering - 3/4” Industrial Grade Plywood
- Heavy Industrial Rubberized Tile Floors
- Exterior Paint - Direct To Metal, Rust Inhibiting, High Solids Urethane (Steel Grit Blast Prep)
- (2) Smoke Detectors

**OPTIONAL ADDITIONAL UPGRADES**
- Tool/Material Racks And Cabinets
- Wireless/Radio Signal Amplifier
**8' x 40' DECON UNIT**
- 1 - UPPER SHELF WITH ROD
- 8" x 40" DECON UNIT
- (6) 32" x 32" SHOWERS
- BENCH
- SHOWER CURTAIN
- A/C
- WASHED
- WASHER DRYER
- 1 - UPPER SHELF WITH ROD

**8' x 40' MULTI-BATHROOM UNIT**
- 8" x 40" DECON UNIT
- (6) 32" x 32" SHOWERS
- BENCH
- SANDWICH PANEL
- A/C
- SINK
- WATER HEATER
- 1 - UPPER SHELF WITH ROD

**BLAST RESISTANT BUILDINGS**

**8' x 20' BLAST RESISTANT BUILDING**

**SPECIFICATIONS**
- Also used as a Cool Down Building
- W x L x H - 8' x 20' x 8'6"
- Weight - 12,000 LBS
- (4) Lifting Lugs
- (1) HVAC - Unit, Non-Classified Electrical
- Insulated
- (1) 240 V, 100 A, Single Phase, Non-Classified Electrical
- (2) Blast Rated Doors
- (1) Blast Rated Windows
- (3) 4' Long Dual Bulb Fluorescent Lights
- (3) Duplex Electrical Outlets
- (2) Data Ports
- (2) Phone Ports
- (1) Fire Extinguisher
- (2) Emergency Exit Lights
- Interior Wall Covering - Plywood
- Heavy Industrial Rubberized Tile Floors
- Exterior Paint - Direct To Metal, Rust Inhibiting, High Solids Urethane (Steel Grit Blast Prep)
- (2) Smoke Detectors
Standard Product Lines:

- 6.3 PSI - 8’ x 40 and 8’ x 20’
- 8.0 PSI - 12’x40

Tiger Industrial can customize any building to provide your company with a permanent application, including:

- Duplex
- Triplex
- Cool Down Buildings
- Bathroom Units
- Men’s Multi-Bathroom
- Women’s Multi-Bathroom
- Single Bathroom
- Shower Trailers
- Locker Rooms
- Bathroom & Kitchenettes
- Decon Units
- Tool Rooms
- Offices Units
- Control Rooms
- Guard Shacks
- Secure Storage Areas
- Bunkhouses
- Safety Compound
- Living Quarters
- Laundry Units
- Medical Facilities
- Pharmacies
- Outage Housing
- Hurricane Shelters

DELIVERY OPTIONS
- Rollback Trucking - Utilizing a Rollback is a Big Plus for 12’ x 40’ on the Gulf Coast.
BUREAU VERITAS

Bureau Veritas is an international organization committed to process efficiency and transparency, product and system safety.

In a vast number of areas, they are accredited to verify and give official acknowledgment (with a certificate) that a system, product, person or asset complies with a specified requirement for which certification is demanded.

BV Certification of our Blast Resistant Buildings includes on-site audits, standardized testing and inspections to ensure the highest levels of quality and the peace of mind of having a third party review of construction.

COATINGS PROCESS & FACILITIES

COATINGS PROCESS:
- Preheat as needed (Infrared Heat)
- Steel grit blast (SP6-near white metal)
- 2 part coating system
  - High build epoxy primer
  - High solids urethane top coat
- 5-7 mils DFT
- Custom coating available
  - Customer specs
  - High corrosion resistant coatings

COATINGS FACILITIES:
- All coating and prep is conducted indoors in a temperature controlled environment
  (Total of 78,000 Sq. Ft.)
THIRD PARTY DESIGN & REVIEW:
Our BRB’s are engineered for safety. The world leader in Blast Resistant Design, Baker Risk, has worked closely with our engineers to exceed the industry standards for blast resistant structures. This assures you that our buildings meet or exceed in the protection of your most valuable assets: your people.

The materials and construction are meticulously inspected by Bureau Veritas to ensure that all materials and workmanship meet or exceed the standards that were set by Baker Risk. Our high standards ensure that the building you get today is not made obsolete by more stringent standards tomorrow.

For instance, our 8psi building is rated as such at 200 milliseconds (ms) which would be similar to the blast duration of a Vapor Cloud Explosion (VCE). Insist on a 150ms minimum rating for the safety of your people and your peace of mind.

DESIGN REFERENCES:
American Society of Civil Engineers-
“Design of Blast Resistant Buildings in Petrochemical Facilities”

American Petroleum Institute-
"RP 752" and "RP 753"
• Cubicles
• Anchored Desks
• Chairs
• Conference Table
• 6’ White Folding Tables
• Plastic Folding Chairs
• 32” TV/ DVD package
• Exterior Surge Protection
• Interior Power Strip/ Surge Protection
• Cork Boards
• Dry Erase Boards
• Kitchenette
• 4.5 Cubic Lockable Refrigerator
• Microwaves
• Large Tub Sink
• Heavy Duty Industrial Shelving Units
• Lockers
• Showers
• Base board Heaters
• KVA Generators
• Door Cameras
• Cellular Repeaters
• Class 1 Div 2 A/C for 8’ x 40’ and 8’ x 20’
• 24 HR Technical Support and Service
• 5 Minute Packs
• LEL Detection
• H2S Detection
• 480 V Transformers

All buildings are furnished with fire extinguishers and have 24 Hour Technical Support and Services.
ACCESSORIES

PLASTIC FLOATING TABLE AND CHAIRS

CHAIRS

32" HDTV/DVD PACKAGE

BOOK SHELVES

EXTERIOR AND INTERIOR POWER STRIPS

CORK & DRY ERASE BOARDS

ACCESSORIES

BLAST RESISTANT BUILDINGS
ACCESSORIES

BLAST RESISTANT BUILDINGS

KITCHENETTE

LOCKABLE REFRIGERATOR

MICROWAVE

FREEZER

REFRIGERATOR

LARGE TUB SINK

WASHER AND DRYER

HOT WATER HEATER

SHOWERS

INDUSTRIAL SHELVING UNITS

ACCESSORIES

BLAST RESISTANT BUILDINGS
### Mats

**TIGER 8’ X 16’ ECOMATS™**

**SPECIFICATIONS**
- Weight - 2,950 LBS +/- 2%
- 128 SQ FT Coverage
- 3 Ply - 8’ x 16’
- 0.05% Absorption Rate
- Load Bearing Weight - in Excess of 1,000 PSI
- Galvanized 3 Channel Runners
- ASTM E84 Class 2 (B) Flame Spread Index Rated
- Synthetic Material Designed with UV Inhibitors
- Anti-Static Inhibitors
- Engineered Work Surface for Safety
- Mats are 100% Recyclable

### Generators

**GENERATOR ACCESSORIES**
- 12 X 12 Containment Berm
- 50’ Ext. Cord
- Aux. Fuel Tank
- Dist. Box 100 Amp.

**25 KVA PORTABLE GENERATOR**

**SPECIFICATIONS**
- L x W x H - 10’ x 5’ x 5’
- Standby Output - 22 kw
- Prime Output - 20 kw
- Weight - 2,200 lbs
- Fuel Cap - 42 GAL
- Run Time - 30 HRS

<table>
<thead>
<tr>
<th>AMP DRAW</th>
<th>FUEL CONSUMPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1PH 120V - 55 Amps</td>
<td>Full Load 1.65 GPH</td>
</tr>
<tr>
<td>1PH 240V - 27 Amps</td>
<td>3/4 Load 1.3 GPH</td>
</tr>
<tr>
<td>3PH 240V - 60 Amps</td>
<td>1/2 Load 0.9 GPH</td>
</tr>
</tbody>
</table>

**45 KVA PORTABLE GENERATOR**

**SPECIFICATIONS**
- L x W x H - 12’ x 6’ x 8’
- Standby Output - 37 kw
- Prime Output - 36 kw
- Weight - 2,940 LBS
- Fuel Cap - 30 GAL
- Run Time - 22 HRS

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>1PH 120V - 100 Amps</td>
<td>Full Load 3.1 GPH</td>
</tr>
<tr>
<td>1PH 240V - 50 Amps</td>
<td>3/4 Load 2.2 GPH</td>
</tr>
<tr>
<td>3PH 240V - 108 Amps</td>
<td>1/2 Load 1.6 GPH</td>
</tr>
</tbody>
</table>

**85 KVA PORTABLE GENERATOR**

**SPECIFICATIONS**
- L x W x H - 2’ x 6’ x 8’
- Standby Output - 70 kw
- Prime Output - 66 kw
- Weight - 5,000 LBS
- Fuel Cap - 127 GAL
- Run Time - 22 HRS

<table>
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<tr>
<th>AMP DRAW</th>
<th>FUEL CONSUMPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1PH 120V - 188 Amps</td>
<td>Full Load 5.5 GPH</td>
</tr>
<tr>
<td>1PH 240V - 95 Amps</td>
<td>3/4 Load 3.8 GPH</td>
</tr>
<tr>
<td>3PH 240V - 204 Amps</td>
<td>1/2 Load 2.6 GPH</td>
</tr>
</tbody>
</table>
### Generators

#### 125 KVA Portable Generator
**Specifications**
- L x W x H: 12' x 6' x 8'
- Standby Output: 110 kW
- Prime Output: 100 kW
- Weight: 6,900 lbs

**AMP Draw**
- 1PH 120V: 277 Amps
- 1PH 240V: 139 Amps
- 3PH 240V: 300 Amps
- 3PH 480V: 150 Amps

**Fuel Consumption**
- Full Load: 7.3 GPH
- 3/4 Load: 5.7 GPH
- 1/2 Load: 4.0 GPH

#### 150 KVA Portable Generator
**Specifications**
- L x W x H: 12' x 6' x 8'
- Standby Output: 132 kW
- Prime Output: 120 kW
- Weight: 9,278 lbs

**AMP Draw**
- 1PH 120V: 333 Amps
- 1PH 240V: 166 Amps
- 3PH 240V: 361 Amps
- 3PH 480V: 180 Amps

**Fuel Consumption**
- Full Load: 8.4 GPH
- 3/4 Load: 6.5 GPH
- 1/2 Load: 4.9 GPH

#### 220 KVA Portable Generator
**Specifications**
- Trailer Mount L x W x H: 16' x 6' x 8'
- Standby Output: 194 kW
- Prime Output: 176 kW
- Weight: 6,900 lbs
- Fuel Cap: 214 GAL
- Run Time: 21 HRS

**AMP Draw**
- 1PH 120V: 488 Amps
- 1PH 240V: 244 Amps
- 3PH 240V: 529 Amps
- 3PH 480V: 264 Amps

**Fuel Consumption**
- Full Load: 13.6 GPH
- 3/4 Load: 10.4 GPH
- 1/2 Load: 7.7 GPH

#### 300 KVA Portable Generator
**Specifications**
- Trailer Mount L x W x H: 16' x 6' x 11'
- Standby Output: 264 kW
- Prime Output: 240 kW
- Weight: 13,000 lbs
- Fuel Cap: 300 GAL
- Run Time: 21 HRS

**AMP Draw**
- 1PH 120V: 667 Amps
- 1PH 240V: 333 Amps
- 3PH 240V: 722 Amps
- 3PH 480V: 361 Amps

**Fuel Consumption**
- Full Load: 15 GPH
- 3/4 Load: 14 GPH
- 1/2 Load: 11 GPH

### Generators, Lights & Tanks

#### 4,000 Watt Portable Light Tower
- Electric or Manual Winch
**Specifications**
- Trailer Mount:
  - Length: 173"
  - Width: 50"
  - Height: 70"
- Max Height: 32'
- Weight: 1,644 lbs
- Fuel Cap: 30 Gal
- Run Time: 48 HRS
- Lumen: 440,000
- 2" Ball Hitch
- Light Coverage: 5-7 Acres
- Sound Level: 66 DB

#### 528 Gallon Double Wall Fuel Tank
**Specifications**
- 87" x 46" x 52"
- 110% Secondary Containment
- Internal Baffles
- 1,825 lbs Empty/5,574 lbs Full
- Secure Hose Access
- Full Load Lifting Eyes
- Tie Down Points
- Direct to Machinery Fuel Ports

**Optional Accessories**
- 16" Tandem Trailer
- 110V Fuel Pump
- Fuel Pump - 12V Fuel Pump & Solar Panel
Thank you for your interest in Tiger Industrial's Blast Resistant Buildings. If you would like more information on our company, please contact us from the list below or contact us on our 24 hour dispatch line.

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Providing the most durable and robust rental equipment with a huge fleet of inventory.

That's the mark of Tiger.
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1313 GULF STREET • BEAUMONT, TX 77701
TEL: 1-409-832-9336

Dilley, Texas
13400 S. INTERSTATE 35 • DILLEY, TX 78017

LaPorte, Texas
12803 HIGHWAY 225 • LA PORTE, TX 77571

Midland, Texas
7701 WEST INDUSTRIAL • MIDLAND, TX 79706

Victoria, Texas
11901 US HIGHWAY 59 • N. VICTORIA, TX 77905

Sulphur, Louisiana
3334 CARBIDE DR • SULPHUR LA 70665

Broussard, Louisiana
1125 PETROLEUM PKWY. • BROUSSARD, LA 70518

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1-888-866-0047