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# Increase Production with

# Big Red



Feature	Benefit	Marco	Axxiom	Clemco	Advantage over Competitors
1/2" thick vessel walls with full penetration sub-arc welding	• Tank will last longer, providing more hours of total service	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Weld exceeds ASME section VII requirements</li> <li>• Clemco vessel wall thickness is approximately 3/8"</li> <li>• Axxiom vessel wall thickness is approximately 5/16"</li> </ul>
4" Flanged Clean-Out Port	• No pipe plug threads that can become damaged or corroded	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Eliminates the hassle of fighting with corroded pipe plug fittings and potentially damaging threads in order to clean out any remaining abrasive left in the blasting vessel.</li> <li>• The ease of use promotes better maintenance</li> </ul>
Four Point Tie-down Lugs	<ul style="list-style-type: none"> <li>• Easy to secure blast machine for road transportation</li> <li>• Reduced risk of damage to the unit during transport</li> </ul>	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Reduced potential of fatigue or damage to the structure of the blast machine due to tie down strap or chains placement</li> <li>• Faster mobilization</li> </ul>
Dual Bolt-on ladders	• Ladder is easily replaceable	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Square rungs for improved traction</li> <li>• High ladder position facilitates fill access to cam-lock filler port</li> <li>• If damaged, no welding is required to replace a ladder</li> </ul>
Individual Remote Control Junctions Boxes	• Easy access and quick repair to independent remote control systems without shutting down the entire unit	S	N/A	N/A	• By utilizing independent junction boxes, an operator can easily identify which control system is in need of repair and can take that specific system out of service
150 PSI ASME Code Rated Vessel	• Built to handle higher working pressure for increased productivity	S	\$	S	• Built for use with today's high output compressors, providing higher blasting pressure at the nozzle, increasing productivity
Union End Ball Valves included standard on each outlet	<ul style="list-style-type: none"> <li>• Allows for ease of maintenance on each metering valve independently, while maintaining production</li> <li>• Easy access for opening or closing an outlet</li> </ul>	S	\$	S	<ul style="list-style-type: none"> <li>• An outlet can be shut down and the metering valve disconnected for repair while the remaining outlets are still operating</li> <li>• The total purchase price is known up front</li> </ul>
1600 CFM Moisture Separator	<ul style="list-style-type: none"> <li>• Moisture separator is sized correctly for the application</li> <li>• No hidden costs</li> </ul>	S	\$	S	<ul style="list-style-type: none"> <li>• Improved moisture control during the blasting process</li> <li>• The total purchase price is known up front</li> </ul>
Oversized Mounting Bracket to fully support the moisture separator	• The weight of the moisture separator is fully supported, substantially reducing the possibility of damage to the pipe stream during transportation	S	N/A	S	<ul style="list-style-type: none"> <li>• Low risk of damage to the tank shell, moisture separator, and pipe stream during transportation on standard or uneven surfaces</li> <li>• Lower risk of moisture separator gasket failure</li> <li>• Larger and more sturdy moisture separator bracket</li> </ul>
Off-set Lifting Eyes	<ul style="list-style-type: none"> <li>• The location of the lifting eyes helps maintain a balanced load during lifting operations.</li> <li>• The location of the lifting eyes are positioned so they do not interfere or prohibit access to camlock filler port or secondary blow down</li> </ul>	S	N/A	S	<ul style="list-style-type: none"> <li>• Improved control of balance when the unit is lifted with mechanical devices.</li> <li>• The location of the lifting eyes also allow workers to freely access the cam-lock closure and secondary blow down without having to reach around or over the lifting eyes.</li> </ul>
Heavy-duty hose storage brackets	<ul style="list-style-type: none"> <li>• Keep blast hose organized</li> <li>• Extend the life of blast hose by reducing unnecessary wear &amp; tear</li> </ul>	S	N/A	S	• Thicker and stronger than the flat strap used on other units
Close proximity of the secondary blow down valve to the ladder	• Quick and easy access for ensuring that the blast vessel has been depressurized	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Increases the likelihood that operators will open the secondary blow down valve to indicate the presence of pressure</li> <li>• Reduces risk of injury when opening the cam-lock filler port</li> </ul>
Staggered Metering Valve Configuration	• Easy access for adjustment of abrasive flow, maintenance, and replacement	S	S	S	<ul style="list-style-type: none"> <li>• More production, more consistency</li> <li>• Reduced down time for maintenance</li> </ul>
6000 lb. Single Tire Maximum Load	• The combination of the axle rating of 8000 lbs per axle and the single maximum tire load of 6000 lbs provide proper support for a fully loaded vessel	S	N/A	N/A	• Reduced risk of tire failure and trailer damage
Hydraulic Surge Brakes	• Brakes work off the braking pressure of the vehicle towing the trailer	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Battery not required to run the brake system</li> <li>• Reduced risk of the brakes locking up</li> </ul>
Electric Release on Hydraulic Surge Brakes	• An electronic release automatically prepares the trailer to be backed up, which saves time in mobilization and job set-up	S	N/A	N/A	• Other braking systems require an operator to get out of the vehicle and manually release the brakes to be able to back the trailer up
Adjustable Military Hitch	• The hitch can be easily adjusted to fit your towing device	S	N/A	N/A	• Safer transport and mobilization
Recessed lighting on highway trailers	• Lights are protected by the trailer	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Less likely to be damaged during normal use</li> <li>• Lower maintenance and repair costs</li> </ul>
16-ply tires	• Sized to support a loaded vessel	S	N/A	N/A	<ul style="list-style-type: none"> <li>• Reduced risk of tire failure</li> <li>• Narrow tire profile assists when transporting through soft or wet terrain</li> </ul>
Torsion Suspension	• Smoother ride during transportation, reduced chance of tire hopping	S	S	N/A	• Leaf spring suspension provides a rough ride
Removable trailer jack	• Quick and easy access for maintenance and repair	S	N/A	N/A	• Competitors trailer jacks are welded to the trailer frame, which makes repairing damage difficult

### LEGEND

S - Standard

\$ = Additional Charge for Option

N/A = Not Available

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# Part Numbers

<b>Pneumatic Remote Control System</b>	<b>Base Options</b>			
	<b>Stationary</b>	<b>Skid</b>	<b>Yard Trailer</b>	<b>Highway Trailer</b>
2-Outlet, Urethane 1-1/2" Maxum Valve	10100602	10100603	10100604	10100605
2-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100606	10100607	10100608	10100609
3-Outlet, Urethane 1-1/2" Maxum Valve	10100610	10100611	10100612	10100613
3-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100614	10100615	10100616	10100617
4-Outlet, Urethane 1-1/2" Maxum Valve	10100618	10100619	10100620	10100621
4-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100622	10100623	10100624	10100625

<b>12V DC, Electric Remote Control System</b>	<b>Base Options</b>			
	<b>Stationary</b>	<b>Skid</b>	<b>Yard Trailer</b>	<b>Highway Trailer</b>
2-Outlet, Urethane 1-1/2" Maxum Valve	10100626	10100627	10100628	10100629
2-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100630	10100631	10100632	10100633
3-Outlet, Urethane 1-1/2" Maxum Valve	10100642	10100643	10100644	10100645
3-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100646	10100647	10100648	10100649
4-Outlet, Urethane 1-1/2" Maxum Valve	10100658	10100659	10100660	10100661
4-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100662	10100663	10100570	10100664

<b>120V AC, Electric Remote Control System</b>	<b>Base Options</b>			
	<b>Stationary</b>	<b>Skid</b>	<b>Yard Trailer</b>	<b>Highway Trailer</b>
2-Outlet, Urethane 1-1/2" Maxum Valve	10100634	10100635	10100636	10100637
2-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100638	10100639	10100640	10100641
3-Outlet, Urethane 1-1/2" Maxum Valve	10100650	10100651	10100652	10100653
3-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100654	10100655	10100656	10100657
4-Outlet, Urethane 1-1/2" Maxum Valve	10100665	10100667	10100668	10100669
4-Outlet, Tungsten Carbide 1-1/2" Maxum Valve	10100670	10100671	10100672	10100673