

## Simple Risk Ranking Matrix

(For estimating relative risk and ranking numerically)

SEVERITY OF HARM				
LIKELIHOOD OF HARM		MINOR (1)	MEDIUM (2)	HIGH (3)
	LOW (1)	1	2	3
	MED (2)	2	4	6
	HIGH (3)	3	6	9

### Quantitative

#### The severity of harm

3 - MAJOR (Death, Major Illness causing long term disability)

2 - SERIOUS (Illness or injuries causing short term disability)

1 - SLIGHT


#### The likelihood of harm

3 - HIGH (Certain/near certain that harm will occur)

2 - MEDIUM (Where harm will often occur)

1 - LOW (Where harm will seldom occur)

## MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999 RISK ASSESSMENT

ASSESSMENT REFERENCE NO	RRA021	DESCRIPTION OF TASK TO BE CARRIED OUT:									
NAME OF ASSESSOR	N.Lewis / K.Rickards	<p>The following risk assessment looks at the hazards and controls involved with the erection of the PORTA-GANTRY 5000. The risk assessment was carried out on the manufacturing site, during an erection of the PORTA-GANTRY 5000. The conditions were stable at the time of observation, the area was clear of obstruction, the weather was dry and the flooring was stable and even.</p> <p><b>Please use this risk assessment as a guide only, all customers must complete their own method statement and risk assessment to suit the environment in which the equipment is being used.</b></p>									
OTHER PERSONS INVOLVED IN RISK ASSESSMENT	N/A										
DATE OF ASSESSMENT	10/04/2017										
MANAGERS AUTHORISATION											
REVIEW DATE	10/04/2018	WITHOUT CONTROLS			IF CONTROLS ARE IN PLACE						
WHAT ARE THE HAZARDS ?	WHO MIGHT BE HARMED AND HOW?	Likelihood	Severity	Risk Rating	WHAT CONTROLS ARE IN PLACE?	Likelihood	Severity	Risk Rating	WHAT ADDITIONAL CONTROLS ARE REQUIRED ?	PROCESS STEPS INVOLVED?	
Physical Hazard :- Movement of heavy equipment in position.	<p><b>WHO:-</b> The personnel lifting parts of the PORTA-GANTRY 5000</p> <p><b>HOW:-</b> Incorrectly lifting without help causing muscular strain</p>	3	2	6	<ul style="list-style-type: none"> <li>The use of correct manual handling techniques will control the risk of muscular strain. Personnel should be clear of what manual handling techniques to use.</li> <li>Communication between personnel ensuring everyone is clear of task, lifting together.</li> </ul>	1	2	2	No additional control are required.	<ol style="list-style-type: none"> <li>Unloading equipment</li> <li>Assembly of the A-Frames</li> <li>Movement of beam to fit A-Frames</li> <li>Movement of A-Frames</li> <li>Lifting and fitting trolley to the A-Frame</li> </ol>	
Physical Hazard :- Lifting of equipment when assembled.	<p><b>WHO:-</b> The personnel scissoring up the A-Frames</p> <p><b>HOW:-</b> Lifting a large load alone causing muscular strain</p>	3	2	6	<ul style="list-style-type: none"> <li>Three to Four man lift to erect second side of the PORTA-GANTRY 5000 (Scissor up), using correct manual handling techniques.</li> <li>Communication between personnel ensuring everyone is clear of task, lifting together.</li> <li>The option is available to erect the PORTA-GANTRY 5000 mechanically, eliminating the risk of muscular strain. The mechanical options are using a forklift to lift the beam or a chain hoist to lift the A-Frames into position.</li> </ul>	1	1	1	No additional controls are required. Customers are encouraged assess the manual handling impacts on their own site to determine how many individuals the lifts will require.	<ol style="list-style-type: none"> <li>Scissor up the A-Frame</li> </ol>	