

The user of this spreadsheet shall input data into the relevant yellow boxes on this worksheet and on all of the other relevant worksheets

Note: The disclaimer on the first worksheet applies to all tables in this workbook

Rig Manufacturer :	<b>TESCAR</b>	Rig Type & Serial No.	<b>CF6</b>	<b>#0051</b>
Operation mode:	<b>Hitachi ZX 130 / Supporto BASSO</b>	Date:	<b>23/07/2018</b>	
Completed by:	<b>AM</b>	Checked by:	<b>LF</b>	

Main Components - Slewing:							
Item	Mass (kg)	Weight (kN)	X - Coordinate	Y - Coordinate	Moment Mx (kNm)	Moment My (kNm)	
UPPER WORKS (Slewing)	Mast Assembly+ Extension	2,800	27	0.00	2.13	-59	0
	Cathead	200	2	0.00	2.10	-4	0
	Support	2,000	20	0.00	1.10	-22	0
	Hydraulic Cylinders	300	3	0.00	1.80	-5	0
	Hydraulic Cylinders	300	3	0.00	1.80	-5	0
LOWER WORKS (Slewing)	Base Machine	6,080	60	0.00	0.00	0	0
						0	0
						0	0
						0	0
SUSPENDED EQUIPMENT CONNECTED TO CROWD SYSTEM (Slewing)	Kelly Drive Guide	120	1	0.00	2.90	-3	0
	Rotary Head	2,000	20	0.00	2.90	-57	0
	Kelly bar	2,200	22		2.90	-63	0
COUNTER-WEIGHT (Slewing)	Counterweight	3,000	29	0.00	-2.00	59	0
						0	0
						0	0
OTHER/OTHER SUSPENDED EQUIPMENT (Slewing)	TOOL	1,000	10		2.90	-28	0
	SOIL	1,000	10		2.90	-28	0
<b>UPPER WORKS</b>	<b>5,600</b>	<b>55</b>	<b>0.00</b>	<b>1.73</b>	<b>-95</b>	<b>0</b>	
<b>LOWER WORKS</b>	<b>6,080</b>	<b>60</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	
<b>SUSPENDED EQUIPMENT CONNECTED TO CROWD SYSTEM</b>	<b>4,320</b>	<b>42</b>	<b>0.00</b>	<b>2.90</b>	<b>-123</b>	<b>0</b>	
<b>COUNTERWEIGHT</b>	<b>3,000</b>	<b>29</b>	<b>0.00</b>	<b>-2.00</b>	<b>59</b>	<b>0</b>	
<b>OTHER</b>	<b>2,000</b>	<b>20</b>	<b>0.00</b>	<b>2.90</b>	<b>-57</b>	<b>0</b>	
<b>SLEWING TOTAL/RESULTANT (with θ=0)</b>	<b>21,000</b>	<b>206</b>	<b>0.00</b>	<b>1.05</b>	<b>-216</b>	<b>0</b>	

Foot Pads - Slewing :							
Description	Bearing Area	Max. Pad Loading	X - Coordinate	Y - Coordinate	Actual Shape	Actual Dimension	
	m <sup>2</sup>	kN	m	m			
Front Pad 1					None	None	
Front Pad 2					None	None	
Rear Pad 1					None	None	
Rear Pad 2					None	None	

Forces - Slewing					
	Force	X - Coordinate	Y - Coordinate		
	kN	m	m		
Crowd System - Maximum Extraction Force (kN)	70	0.00	2.90	Must be inline with suspended equip't.	
Crowd System - Maximum Penetration Force (kN)	-200	0.00	2.90	-ve Must be inline with suspended equip't.	
Maximum Auxilliary Force (kN)	35	0.00	2.90		

Main Components - Non-Slewing:							
Item	Mass (kg)	Weight (kN)	X - Coordinate	Y - Coordinate	Moment Mx (kNm)	Moment My (kNm)	
Lower Works Non-Slewing (undercarriage/tracks etc)	Tracks & Undercarriage	4,000	39	0.00	0.00	0	0
				0.00	0.00	0	0
				0.00	0.00	0	0
<b>NON-SLEWING TOTAL/RESULTANT (with θ=0)</b>	<b>4,000</b>	<b>39</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	
<b>TOTAL RIG MASS</b>	<b>25,000</b>						

Foot Pads - Non-Slewing							
Description	Bearing Area	Max. Pad Loading	X - Coordinate	Y - Coordinate	Actual Shape	Actual Dimension	
	m <sup>2</sup>	kN	m	m			
Front Pad 1							
Front Pad 2							
Rear Pad 1							
Rear Pad 2							

Tracks	Slewing
Track bearing length (m)	2.89
Track pad width (m)	0.50
Distance between centrelines of tracks (m)	1.99
	Can the rig slew?
	<b>YES</b>

Note: The disclaimer on the first worksheet applies to all tables in this workbook



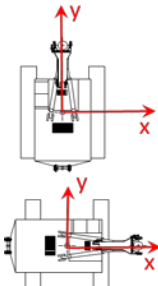
Notes  
1 TON OF TOOL + 1 TON OF SOIL IN STANDING MODE

<b>TESCAR</b>	Weight / Force Applied (kN)	X - Coordinate	Y - Coordinate	Moment Mx	Moment My
<b>CF6</b>					

<b>SLEWING ACTIONS</b>					
Upper Works (slewing)	55	0.00	1.73	-95	0
Suspended Eqpt. on Crowd	42	0.00	2.90	-123	0
Counterweight (slewing)	29	0.00	-2.00	59	0
Other (slewing)	20	0.00	2.90	-57	0
Lower Works (Slewing)	60	0.00	0.00	0	0
Net Extraction Force	0	0.00	2.90	0	0
Net Penetration Force	0	0.00	2.90	0	0
Applied Auxiliary Force	0	0.00	2.90	0	0
Front Pad 1	0	0.00	0.00	0	0
Front Pad 2	0	0.00	0.00	0	0
Rear Pad 1	0	0.00	0.00	0	0
Rear Pad 2	0	0.00	0.00	0	0
<b>Summary of Slewing Action</b>	206	0.00	1.05	-216	0

Applied Force (kN)	Max. Allowable (kN)
0	70
0	-200
0	35

Applied Pressure (kPa)	Foot Pad Area (m <sup>2</sup> )
0	0.00
0	0.00
0	0.00
0	0.00
<b>Max. Pad Pressure</b>	<b>0</b>



<b>NON-SLEWING ACTIONS</b>						Applied Force (kN)	Max. Allowable (kN)	Applied Pressure (kPa)	Foot Pad Area (m <sup>2</sup> )	
Lower Works Non-Slewing	39	0.00	0.00	0	0	0	0	0	0.00	
Front Pad 1	0	0.00	0.00	0	0	0	0	0	0.00	
Front Pad 2	0	0.00	0.00	0	0	0	0	0	0.00	
Rear Pad 1	0	0.00	0.00	0	0	0	0	0	0.00	
Rear Pad 2	0	0.00	0.00	0	0	0	0	0	0.00	
<b>Summary of Non-slewing Actions</b>	39	0.00	0.00	0	0	<b>Max. Pad Pressure 0</b>				
<b>Total Rig Weight (kN)</b>	245					Track Bearing Length (m)	2.89			
<b>Resultant of all Actions (kN)</b>	245	0.00	0.88	-216	0	Track pad width (m)	0.50			
						Track Centerline Dist. (m)	1.99			

<b>Input Data Warning Messages</b>	<b>Notes</b>
Auxiliary Line Force OK	
Extraction Force OK	
Penetration Force OK	
Slewing Footpad Forces OK	
Non-Slewing Footpad Forces OK	

**Notes on Using this Table**

Auxiliary Line Pull +ve Z direction. Enter applied force (kN) in appropriate yellow box (G11). Note the maximum design force in the adjacent box (H11).  
 Extraction Line Pull +ve Z direction. Enter applied force (kN) in appropriate yellow box (G9). Note the maximum design force in the adjacent box (FH9).  
 Penetration Force -ve Z direction. Enter applied force (kN) in appropriate yellow box (G10) - must be negative as it imposes an upwards resultant force. Note the maximum design force in the adjacent box (H10).  
 Slewing Foot Pad Forces +ve Z direction. Enter applied total force (kN) in appropriate yellow boxes (G12 to G15). Note the maximum the machine can develop is given in the adjacent boxes.  
 Non-Slewing Foot Pad Forces -ve Z direction. Enter applied total force (kN) in appropriate yellow boxes (G20 to G23). Note the maximum the machine can develop is given in the adjacent boxes.

Fill in values in all yellow boxes appropriate for this mode -  
 Net extraction or penetration force is the applied value minus the weight of any rope / kelly / chain suspended equipment.  
 By trial and error, adjust Foot Pad Forces to eliminate "error" messages and equalise bearing pressures on both tracks and foot pads (highlighted in red boxes).  
 When applying Auxiliary or Extraction Line Pull, ensure that Penetration Force is zero.

**ONLY A COMPETENT PERSON MAY USE THIS TABLE !**

**Note: The disclaimer on the first worksheet applies to all tables in this workbook**

<b>Mode : Standing</b>							Transformation from triangular or trapezoidal to an equivalent rectangular pressure distribution under track maintaining the load centroid		
Relative Angle - Upper Body and Tracks (degrees)	Max bearing pressure L.H. track (kN/m <sup>2</sup> )	Min bearing pressure L.H. track (kN/m <sup>2</sup> )	Max bearing pressure R.H. track (kN/m <sup>2</sup> )	Min bearing pressure R.H. track (kN/m <sup>2</sup> )	Max Track loading dimensions ecc (m) Bearing Len. (m)		Equivalent Bearing L (m) Q (kPa)		
0	289	0	289	0	0.880	1.696	1.131	217	
15	212	0	338	0	0.850	1.786	1.191	253	
30	134	0	345	0	0.762	2.050	1.366	259	
45	74	0	323	0	0.622	2.469	1.646	242	
60	38	2	287	13	0.440	2.890	2.010	215	
75	18	7	232	83	0.228	2.890	2.435	187	
90	10	10	160	160	0.000	2.890	2.890	160	
105	18	7	232	83	-0.228	2.890	2.435	187	
120	38	2	287	13	-0.440	2.890	2.010	215	
135	74	0	323	0	-0.622	2.469	1.646	242	
150	134	0	345	0	-0.762	2.050	1.366	259	
165	212	0	338	0	-0.850	1.786	1.191	253	
180	289	0	289	0	-0.880	1.696	1.131	217	
195	338	0	212	0	-0.850	1.786	1.191	253	
210	345	0	134	0	-0.762	2.050	1.366	259	
225	323	0	74	0	-0.622	2.469	1.646	242	
240	287	13	38	2	-0.440	2.890	2.010	215	
255	232	83	18	7	-0.228	2.890	2.435	187	
270	160	160	10	10	0.000	2.890	2.890	160	
285	232	83	18	7	0.228	2.890	2.435	187	
300	287	13	38	2	0.440	2.890	2.010	215	
315	323	0	74	0	0.622	2.469	1.646	242	
330	345	0	134	0	0.762	2.050	1.366	259	
345	338	0	212	0	0.850	1.786	1.191	253	
<b>Maximum Track Values</b>							1.366	259	
							Pad Area (m <sup>2</sup> )		
Max. Slewing Foot Pads Bearing Pressure (kPa) & Equivalent Bearing Leng							0.000	0.000	0
Max. Non-Slewing Foot Pads Bearing Pressure (kPa) & Equivalent Bearing							0.000	0.000	0
<b>Maximum Equivalent Design Values</b>							1.366	259	
Eccentricity index - X direction (sideways)							0.88		
Eccentricity index - Y direction (forwards/backwards)							0.61		
Track pressure distribution warning							Track(s) lifting		
Slewing foot pad message							Slewing Foot Pad Pressure OK		
Non-Slewing foot pad message							Non-Slewing Foot Pad Pressure OK		
<b>BRE LOAD CASE ( 1 or 2 )</b>							<b>1</b>		



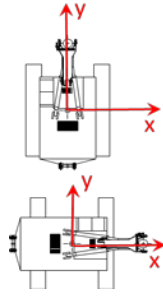


TESCAR	Weight / Force Applied (kN)	X - Coordinate	Y - Coordinate	Moment Mx	Moment My
<b>CF6</b>					

SLEWING ACTIONS					
Upper Works (slewing)	55	0.00	1.73	-95	0
Suspended Eqpt. on Crowd	42	0.00	2.90	-123	0
Counterweight (slewing)	29	0.00	-2.00	59	0
Other (slewing)	20	0.00	2.90	-57	0
Lower Works (Slewing)	60	0.00	0.00	0	0
Net Extraction Force	0	0.00	2.90	0	0
Net Penetration Force	0	0.00	2.90	0	0
Applied Auxiliary Force	34	0.00	2.90	-99	0
Front Pad 1	0	0.00	0.00	0	0
Front Pad 2	0	0.00	0.00	0	0
Rear Pad 1	0	0.00	0.00	0	0
Rear Pad 2	0	0.00	0.00	0	0
Summary of Slewing Action	240	0.00	1.31	-314	0

Applied Force (kN)	Max. Allowable (kN)
0	70

Applied Pressure (kPa)	Foot Pad Area (m <sup>2</sup> )
0	0.00
34	35
0	0.00
0	0.00
0	0.00
0	0.00
0	0.00
0	0.00



NON-SLEWING ACTIONS						Applied Force (kN)	Max. Allowable (kN)	Applied Pressure (kPa)	Foot Pad Area (m <sup>2</sup> )
Lower Works Non-Slewing	39	0.00	0.00	0	0				
Front Pad 1	0	0.00	0.00	0	0	0	0	0	0.00
Front Pad 2	0	0.00	0.00	0	0	0	0	0	0.00
Rear Pad 1	0	0.00	0.00	0	0	0	0	0	0.00
Rear Pad 2	0	0.00	0.00	0	0	0	0	0	0.00
Summary of Non-slewing Actions	39	0.00	0.00	0	0	Max. Pad Pressure		0	
Total Rig Weight (kN)	245					Track Bearing Length (m)		2.89	
Resultant of all Actions (kN)	279	0.00	1.13	-314	0	Track pad width (m)		0.50	
						Track Centerline Dist. (m)		1.99	

Handling

Input Data Warning Messages	Notes
Auxiliary Line Force OK	USE 34 KN MAX IN HANDLING MODE
Extraction Force OK	
Penetration Force OK	
Slewing Footpad Forces OK	
Non-Slewing Footpad Forces OK	

**Notes on Using this Table**

Auxiliary Line Pull -ve Z direction. Enter applied force (kN) in appropriate yellow box (G11). Note the maximum design force in the adjacent box (H11).  
 Extraction Line Pull +ve Z direction. Enter applied force (kN) in appropriate yellow box (G9). Note the maximum design force in the adjacent box (FH9).  
 Penetration Force -ve Z direction. Enter applied force (kN) in appropriate yellow box (G10) - must be negative as it imposes an upwards resultant force. Note the maximum design force in the adjacent box (H10).  
 Slewing Foot Pad Forces +ve Z direction. Enter applied total force (kN) in appropriate yellow boxes (G12 to G15). Note the maximum the machine can develop is given in the adjacent boxes.  
 Non-Slewing Foot Pad Forces -ve Z direction. Enter applied total force (kN) in appropriate yellow boxes (G20 to G23). Note the maximum the machine can develop is given in the adjacent boxes.

Fill in values in all yellow boxes appropriate for this mode -  
 Net extraction or penetration force is the applied value minus the weight of any rope / kelly / chain suspended equipment.  
 By trial and error, adjust Foot Pad Forces to eliminate "error" messages and equalise bearing pressures on both tracks and foot pads (highlighted in red boxes).  
 When applying Auxiliary or Extraction Line Pull, ensure that Penetration Force is zero.

**ONLY A COMPETENT PERSON MAY USE THIS TABLE !**

**Note: The disclaimer on the first worksheet applies to all tables in this workbook**

Mode : Handling								Transformation from triangular or trapezoidal to an equivalent rectangular pressure distribution under track maintaining the load centroid	
Relative Angle - Upper Body and Tracks (degrees)	Max bearing pressure L.H. track (kN/m <sup>2</sup> )	Min pressure L.H. track (kN/m <sup>2</sup> )	Max bearing pressure R.H. track (kN/m <sup>2</sup> )	Min bearing pressure R.H. track (kN/m <sup>2</sup> )	Max Track loading dimensions		Equivalent Bearing		
					ecc (m)	Bearing Len. (m)	L (m)	Q (kPa)	
0	583	0	583	0	1.126	0.958	0.639	437	
15	368	0	673	0	1.087	1.073	0.715	505	
30	172	0	620	0	0.975	1.410	0.940	465	
45	57	0	516	0	0.796	1.947	1.298	387	
60	4	0	418	0	0.563	2.647	1.764	313	
75	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
90	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
105	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
120	4	0	418	0	-0.563	2.647	1.764	313	
135	57	0	516	0	-0.796	1.947	1.298	387	
150	172	0	620	0	-0.975	1.410	0.940	465	
165	368	0	673	0	-1.087	1.073	0.715	505	
180	583	0	583	0	-1.126	0.958	0.639	437	
195	673	0	368	0	-1.087	1.073	0.715	505	
210	620	0	172	0	-0.975	1.410	0.940	465	
225	516	0	57	0	-0.796	1.947	1.298	387	
240	418	0	4	0	-0.563	2.647	1.764	313	
255	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
270	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
285	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
300	418	0	4	0	0.563	2.647	1.764	313	
315	516	0	57	0	0.796	1.947	1.298	387	
330	620	0	172	0	0.975	1.410	0.940	465	
345	673	0	368	0	1.087	1.073	0.715	505	
Maximum Track Values							#VALUE!	#VALUE!	
							Pad Area (m <sup>2</sup> )		
Max. Slewing Foot Pads Bearing Pressure (kPa) & Equivalent Bearing Leng							0.000	0.000	0
Max. Non-Slewing Foot Pads Bearing Pressure (kPa) & Equivalent Bearing							0.000	0.000	0
<b>Maximum Equivalent Design Values</b>							#VALUE!	#VALUE!	
Eccentricity index - X direction (sideways)							1.13		
Eccentricity index - Y direction (forwards/backwards)							0.78		
Track pressure distribution warning							#VALUE!		
Slewing foot pad message							#VALUE!		
Non-Slewing foot pad message							#VALUE!		
<b>BRE LOAD CASE ( 1 or 2 )</b>								<b>1</b>	









**Schedule of Piling Rig Component Weights, Dimensions, Forces and Pressures**

Note: The disclaimer on the first worksheet applies to all tables in this workbook

Rig Manufacturer :	<b>TESCAR</b>	Rig Type & Serial No.	<b>CF6 #0051</b>
Operation mode:	<b>Hitachi ZX 130 / Supporto BASSO</b>	Date:	<b>23/07/2018</b>
Completed by:	<b>AM</b>	Checked by:	<b>LF</b>

Main Components - Slewing:						
Item	Mass (kg)	Weight (kN)	X - Coordinate	Y - Coordinate	Moment Mx (kNm)	Moment My (kNm)
<b>Slewing Components Totals/Resultant (with θ=0)</b>						
UPPER WORKS	5,600	55	0.00	1.73	-95	0
LOWER WORKS	6,080	60	0.00	0.00	0	0
SUSPENDED EQUIPMENT CONNECTED TO CROWD SYSTEM	4,320	42	0.00	2.90	-123	0
COUNTERWEIGHT	3,000	29	0.00	-2.00	59	0
OTHER	2,000	20	0.00	2.90	-57	0
<b>TOTAL/RESULTANT (with θ=0)</b>	<b>21,000</b>	<b>206</b>	<b>0.00</b>	<b>1.05</b>	<b>-216</b>	<b>0</b>

Foot Pads - Slewing :						
Description (Forces must be -ve)	Bearing Area	Max. Pad Loading	X - Coordinate	Y - Coordinate	Actual Shape	Actual Dimension
	m <sup>2</sup>	kN	m	m		
Front Pad 1	0.00	0	0.00	0.00	None	None
Front Pad 2	0.00	0.00	0.00	0.00	None	None
Rear Pad 1	0.00	0.00	0.00	0.00	None	None
Rear Pad 2	0.00	0.00	0.00	0.00	None	None

Forces - Slewing					
	Force	X - Coordinate	Y - Coordinate		
	kN	m	m		
Maximum Extraction Force (kN)	70	0.00	2.90	Must be inline with suspended equip't.	
Maximum Penetration Force (kN)	-200	0.00	2.90	-ve Must be inline with suspended equip't.	
Maximum Auxillary Force (kN)	35	0.00	2.90		

Main Components - Non-Slewing:						
Item	Mass (kg)	Weight (kN)	X - Coordinate	Y - Coordinate	Moment Mx (kNm)	Moment My (kNm)
Lower Works Non-Slewing (undercarriage/tracks etc)	Tracks & Undercarriage	4000	39	0.00	0.00	
				0.00	0.00	
				0.00	0.00	
<b>TOTAL/RESULTANT (with θ=0)</b>	<b>4,000</b>	<b>39</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>0</b>
<b>TOTAL RIG MASS</b>	<b>25,000</b>					

Front Foot Pads - Non-Slewing						
Description	Bearing Area	Max. Pad Loading	X - Coordinate	Y - Coordinate	Actual Shape	Actual Dimension
	m <sup>2</sup>	kN	m	m		
Front Pad 1						
Front Pad 2						
Rear Pad 1						
Rear Pad 2						

Tracks		Slewing	
Track bearing length (m)	2.89	Can the Rig Slew?	YES
Track pad width (m)	0.50		
Distance between centrelines of tracks (m)	1.99		

MODE	Pressure Summary for Platform Design (unfactored)			BRE LOAD CASE (1 or 2)	Eccentricity Index		Winch Forces
	Equiv. Track Length (m)	Equiv. Track Width (m)	Equiv. Uniform Bearing Pressure, q <sub>eq</sub> (kPa)		Eccentricity index - X direction (sideways)	Eccentricity index - Y direction (forwards/backwards)	
Standing	1.37	0.50	259	1	0.88	0.61	0
Travelling	1.37	0.50	259	1	0.88	0.61	0
Handling	#VALUE!	0.50	#VALUE!	1	1.13	0.78	34
Penetrating	2.25	0.50	87	2	0.45	0.31	-55
Extracting	#VALUE!	0.50	#VALUE!	2	1.09	0.75	70
Other	Not Used	-	-	0	-	-	0

MODE	ERROR FOR TRACK	Auxillary Line	ERROR MESSAGES FOR LINE FORCES	
	Zero Pressure		Extraction Force	Penetration Force
Standing	Track(s) lifting	Auxillary Line Force OK	Extraction Force OK	Penetration Force OK
Travelling	Track(s) lifting	Auxillary Line Force OK	Extraction Force OK	Penetration Force OK
Handling	#VALUE!	Auxillary Line Force OK	Extraction Force OK	Penetration Force OK
Penetrating	None	Auxillary Line Force OK	Extraction Force OK	Penetration Force OK
Extracting	#VALUE!	Auxillary Line Force OK	Extraction Force OK	Penetration Force OK
Other	Track(s) lifting	Auxillary Line Force OK	Extraction Force OK	Penetration Force OK

MODE	ERROR MESSAGES FOR FOOT PAD FORCES		ERROR MESSAGES FOR FOOT PAD PRESSURES	
	INPUT DATA		OUTPUT DATA	
Standing	Slewing Footpad Forces OK	Non-Slewing Footpad Forces OK	Slewing Foot Pad Pressure OK	Non-Slewing Foot Pad Pressure OK
Travelling	Slewing Footpad Forces OK	Non-Slewing Footpad Forces OK	Slewing Foot Pad Pressure OK	Non-Slewing Foot Pad Pressure OK
Handling	Slewing Footpad Forces OK	Non-Slewing Footpad Forces OK	#VALUE!	#VALUE!
Penetrating	Slewing Footpad Forces OK	Non-Slewing Footpad Forces OK	Slewing Foot Pad Pressure OK	Non-Slewing Foot Pad Pressure OK
Extracting	Slewing Footpad Forces OK	Non-Slewing Footpad Forces OK	#VALUE!	#VALUE!
Other	Slewing Footpad Forces OK	Non-Slewing Footpad Forces OK	Slewing Foot Pad Pressure OK	Non-Slewing Foot Pad Pressure OK

Note: The disclaimer on the first worksheet applies to all tables in this workbook



**Notes**  
1 TON OF TOOL + 1 TON OF SOIL IN STANDING MODE