



**FOUNDATION STEEL**

**Crane Services**

## **50128S Manitex 50T Crane**

**Features Include:**

- NCCCO Certified Operator
- Certified ODOT CDL Driver
- Rigging Available for Rental
- Certified Welders & Ironworkers Available
- Certified Rigger / Signalman Personnel Available
- BWC Drug Free Safety Program (Advanced Level)
- Nights / Weekends Available
- OSHA 30 Compliant

**419-402-4241**

**PARTNERING TOGETHER  
FOR THE SUCCESS  
OF THE PROJECT**



12525 AIRPORT HIGHWAY / PO BOX 210 / SWANTON / OHIO / 43558

PHONE: 419-402-4241 FAX 419-402-4248

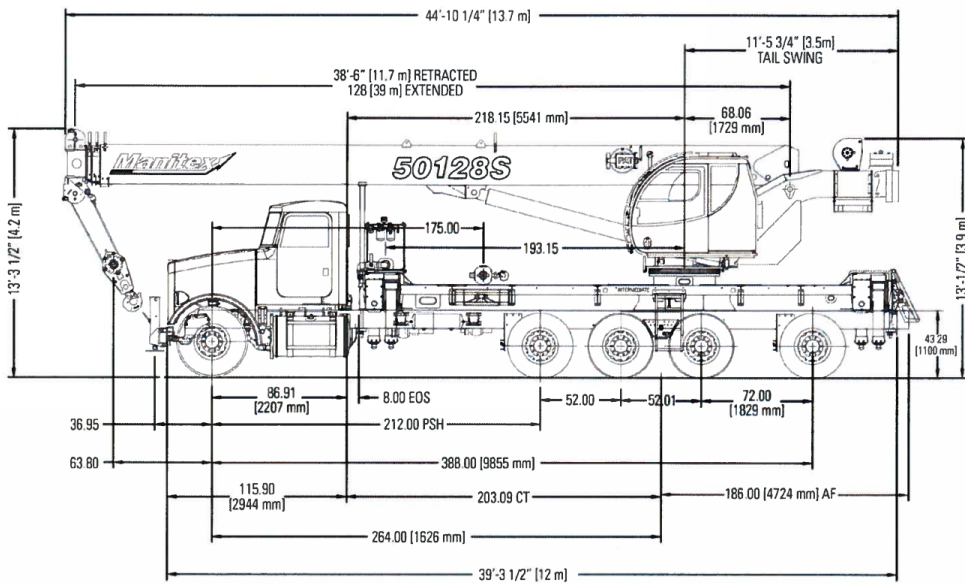
WWW.FOUNDATIONSTEEL.COM

12525 AIRPORT HIGHWAY / PO BOX 210 / SWANTON / OHIO / 43558

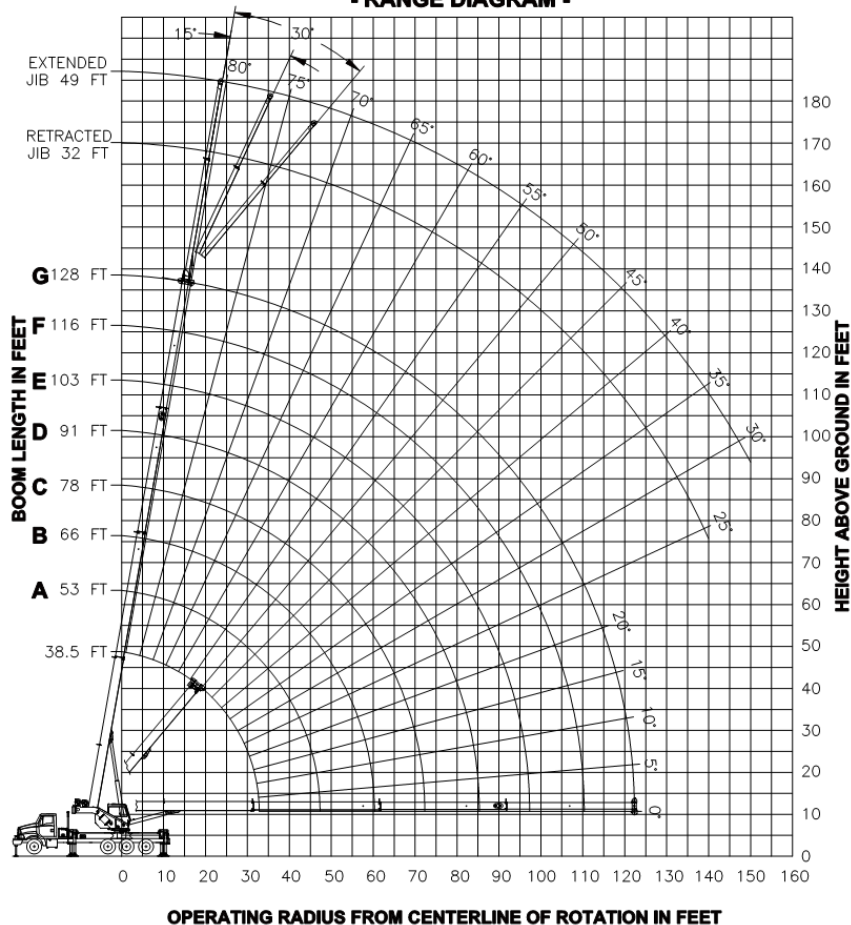
PHONE: 419-402-4241 FAX 419-402-4248

WWW.FOUNDATIONSTEEL.COM

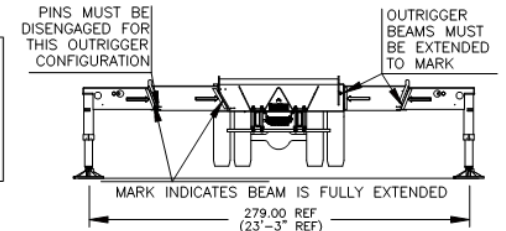




- RANGE DIAGRAM -



**USE THIS CHART ONLY  
WHEN ALL OUTRIGGER  
BEAMS ARE FULLY  
EXTENDED**



**MAIN BOOM LIFTING CAPACITIES**

LOAD RADIUS (FT)	BOOM LENGTH 38.5 FT			BOOM LENGTH 53 FT (A)			BOOM LENGTH 66 FT (B)			BOOM LENGTH 78 FT (C)			LOAD RADIUS (FT)	
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)		
6	73.5	100000	100000										6	
8	70.5	86600	86600										8	
10	67	76400	76400	74.5	51000	51000	78	51000	51000				10	
12	64	68400	68400	72.5	51000	51000	76.5	51000	51000	79	41710	41710	12	
15	59	59000	59000	68.5	51000	51000	73.5	46650	46650	77	37880	37880	15	
20	49.5	47670	47670	62.5	45700	45700	69	39300	39300	73	32140	32140	20	
25	38.5	36900	36900	56	37680	37680	64	33450	33450	69	27890	27890	25	
30	23.5	29590	26680	49.5	30410	27890	59	29140	28440	65	24230	24230	30	
35				41.5	25170	20650	54	25490	21160	61	21310	21310	35	
40				32	20620	15940	48	21090	16440	56.5	19160	16730	40	
45				18.5	16770	12610	42	17270	13130	52	17070	13410	45	
50							34.5	14390	10670	46.5	14660	10950	50	
55							25	12140	8760	41	12420	9050	55	
60							7	9790	7200	35	10620	7540	60	
65										27	9140	6300	65	
70										16	7890	5260	70	
													DEDUCTIONS FOR MAIN BOOM CAPACITIES	
1230 LBS				890 LBS				720 LBS				610 LBS		STOWED JIB
2840 LBS				2620 LBS				2500 LBS				2430 LBS		ERECTED JIB (RETRACTED)
3170 LBS				2860 LBS				2700 LBS				2600 LBS		ERECTED JIB (EXTENDED)

LOAD RADIUS (FT)	BOOM LENGTH 91 FT (D)			BOOM LENGTH 103 FT (E)			BOOM LENGTH 116 FT (F)			BOOM LENGTH 128 FT (G)			LOAD RADIUS (FT)	
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)		
15	79	30000	30000										15	
20	76	26010	26010	78.5	22790	22790							20	
25	72.5	22620	22620	75.5	20160	20160	78	17660	17660				25	
30	69.5	20000	20000	72.5	18080	18080	75.5	16060	16060	77.5	13000	13000	30	
35	66	17710	17710	70.5	16070	16070	73	14480	14480	75.5	12760	12760	35	
40	62.5	15740	15740	67.5	14360	14360	70.5	13050	13050	73	11760	11760	40	
45	59	14050	13620	64	12900	12900	68	11780	11780	71	10800	10800	45	
50	55	12620	11150	60.5	11610	11290	65	10640	10640	68.5	10000	10000	50	
55	50.5	11380	9250	57	10500	9380	62	9890	9490	66	9130	9130	55	
60	46.5	10340	7740	53.5	9760	7870	59	8970	7970	63.5	8320	8050	60	
65	41.5	9340	6510	50	8860	6640	56	8160	6740	60.5	7570	6820	65	
70	36.5	8110	5490	46	8060	5620	53	7430	5720	58	6910	5790	70	
75	30	7060	4620	41.5	7190	4750	49.5	6780	4860	55	6300	4930	75	
80	22	6160	3870	37	6300	4020	46	6180	4120	52	5750	4190	80	
85	7	5290	3200	31.5	5520	3380	42.5	5620	3480	49	5250	3550	85	
90				25	4830	2810	38	4940	2920	46	4790	3000	90	
95				15.5	4210	2300	33.5	4340	2430	42	4370	2510	95	
100							28.5	3800	1990	38.5	3870	2070	100	
105							21.5	3310	1590	34	3390	1680	105	
110							7.5	2860	1220	29.5	2960	1320	110	
115										23.5	2560	1000	115	
120										15	2200		120	
													DEDUCTIONS FOR MAIN BOOM CAPACITIES	
520 LBS				460 LBS				410 LBS				370 LBS		STOWED JIB
2370 LBS				2330 LBS				2300 LBS				2280 LBS		ERECTED JIB (RETRACTED)
2520 LBS				2460 LBS				2410 LBS				2380 LBS		ERECTED JIB (EXTENDED)



**FOUNDATION STEEL**  
Crane Services

WWW.FOUNDATIONSTEEL.COM  
WE ARE AISC / WBE / SBE AND EDGE CERTIFIED  
AN EQUAL OPPORTUNITY EMPLOYER