

Valley Dealer

OASIS EXCAVATING LLC
167 County Rd 306
Saragosa, TX 79780-9999
UNITED STATES

Customer

City of Fort Stockton
121 W 2nd St
PO Box 1000
Fort Stockton, TX 79735-6711
USA

Dealer No.

00003271

Field Name

East 40

Parent Order No. 11175609
Sprinkler Order No. 11175611

Plant McCook Manufacturing

Dealer PO Greg
Order Date 10/06/2015
Load Date 10/22/2015
Method Of Shipment W/SYS (11175609)

7 Span Valley Standard Pivot 7000
Machine Flow 1000 (GPM)
Pivot Pressure 19 (PSI)

Valley Standard Pivot 7000 Machine Summary

Span and Overhang

Model	Qty	Length (ft)	Pipe	Coupler	D. U.		
			O.D. (in)	Spacing (in)	Qty	Profile	Tire
7000	1	160.0	7.79	216	9	135	11.2 x 38
7000	6	180.0	7.79	180	12	135	11.2 x 38
7000	1	28.0	5.79	120	3		

Field Area

116.3 (Ac) Total
116.3 (Ac) Pivot 360°
(Ac) EG on 100%
1270.1 (ft) Machine Length
(ft) End Gun Radius

Flow

1000 (GPM)
8.60 (GPM per Acre)
0.46 (in per day) App Rate
0.262 (in) App Depth @ 100%
0.0 (GPM) End Gun

Messages

<u>Caution:</u> None
<u>Dealer:</u> None


Pressure

19 (PSI) Pivot Pressure
12 (PSI) = End Pressure
5 (ft) Highest Elevation
5 (ft) Lowest Elevation



LRDU Drive Train

34 RPM Center Drive @60 Hz freq.
11.2 x 38 Tire
52:1 Wheel GB Ratio, LRDU Dist 1242.1 (ft)
13.8 Hrs/360° @ 100% 9.45 (Ft per Min)

Sprinkler -- Available Outlets

<u>Sprinkler Configuration</u>	<u>Range (ft)</u>	
Valley Hose Dbl Clmp Drop Variable Length 30(in) Ground Clr	Outlets 34,84	
Valley Slip Weight 15(in) 1.5(lb) Poly		
Nelson A3030 D4 - Maroon 3/4 M Hose		

Sprinkler -- Available Outlets

<u>Sprinkler Configuration</u>	<u>Range (ft)</u>	
Valley Hose Dbl Clmp Drop Variable Length 30(in) Ground Clr	Outlets 3,33	
Nelson Regulator Blue Acme 10(PSI) 3/4 F NPT		
Valley Slip Weight 15(in) 1.5(lb) Poly		
Nelson A3030 D4 - Maroon 3/4 F Acme		

1961.25 (ft) Total Drop Hose Length

Valley Standard Pivot 7000 Machine Summary

Pressure Loss

Pipe Length (ft)	Pipe I.D. (in)	Pipe Finish	C-Factor	Loss (PSI)
1242.1	7.79		150	4.2
28.0	5.79		150	0.4
Total =				4.6

Span Flow

Span Number	Irrigated Length (ft)	Area (Ac)	Rqd (GPM)	Act (GPM)	Rqd (GPM per Acre)	Act (GPM per Acre)	% Deviation
1	122.9	1.8	15.4	15.6	8.58	8.66	0.9
2	180.0	6.5	56.2	56.0	8.58	8.56	-0.2
3	180.0	11.2	96.3	96.2	8.58	8.58	-0.0
4	180.0	15.9	136.4	136.7	8.58	8.60	0.2
5	180.0	20.6	176.5	176.3	8.58	8.57	-0.1
6	180.0	25.2	216.6	216.9	8.58	8.60	0.2
7	180.0	29.9	256.7	256.4	8.58	8.57	-0.1
O/H	28.0	5.1	40.8	40.9	8.04	8.07	0.4
Totals		116.2		995			
	Drain Sprinkler		0	0			
	Total Machine Flow			995			

Advanced Options

Last Sprinkler Coverage = 1 ft
 Sprinkler Coverage Length = 1271.1 ft
 Use Last Coupler= YES
 Minimum Mainline Pressure = 6 PSI

Shipping Options

Ship Drop Hardware
 Do not ship Endgun Nozzle
 Do not ship Endgun & Hardware
 Do not ship Endgun Valve / Nozzle Valve Hardware
 Do not ship Boosterpump Hardware

Corrosion Resistant
 Spans Requested