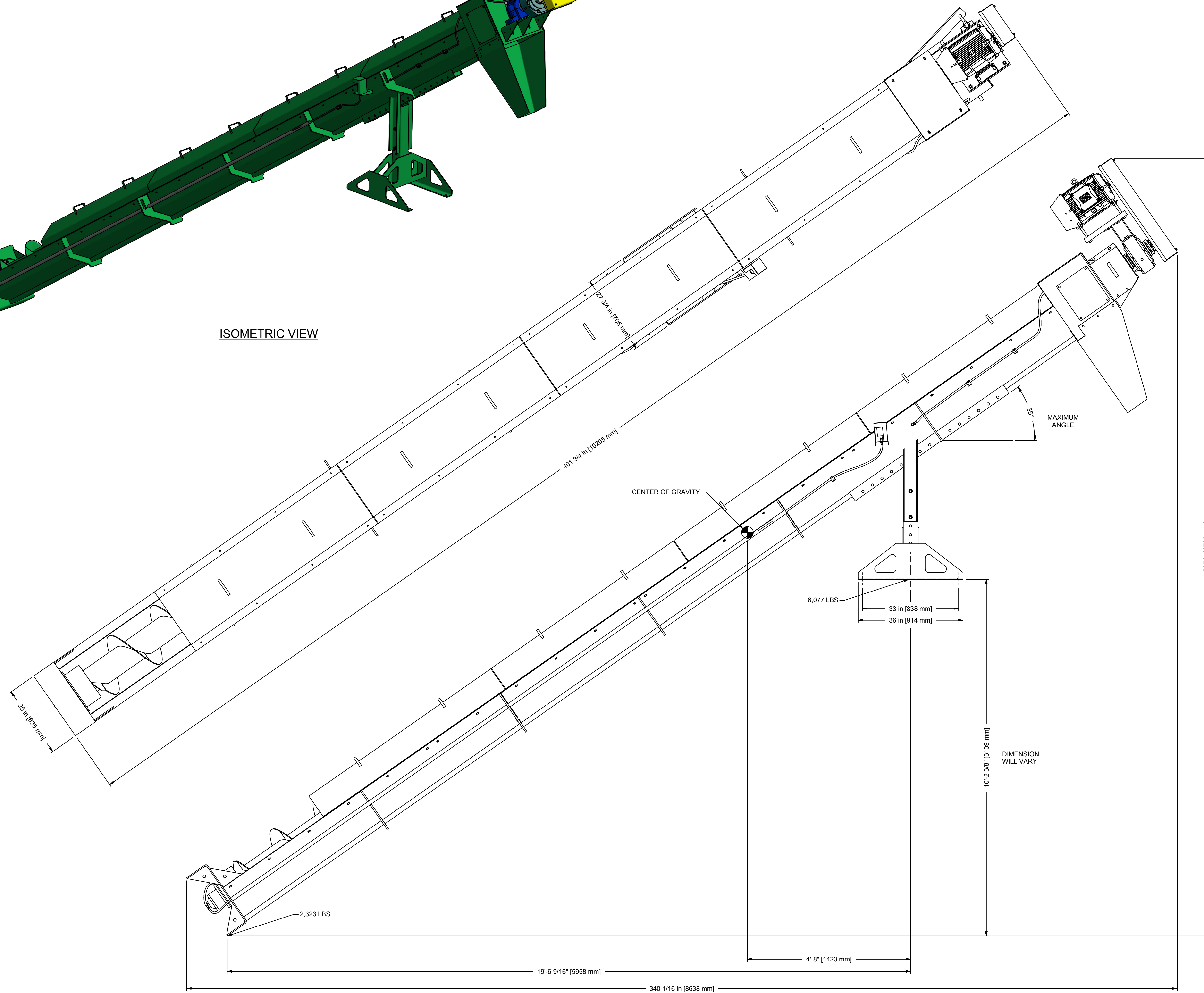


ISOMETRIC VIEW



ASSEMBLY VIEW
SCALE 1:16

Item	Qty.	Description	Fin. Wt.
1	1	LOWER BEARING ASSEMBLY	173 lbmass
2	1	AUGER TROUGH	1205 lbmass
3	2	ROCK GUARD HALF	14 lbmass
4	4	TROUGH LINER	153 lbmass
5	1	TORQUE ARM MOUNTING PLATE	22 lbmass
6	1	ACCESS COVER, FRONT	2 lbmass
7	1	ACCESS COVER, REAR	5 lbmass
8	1	ACCESS COVER, TOP	32 lbmass
9	1	COVER, OIL RESERVOIR	4 lbmass
10	1	ACCESS COVER	13 lbmass
11	1	GUARD	25 lbmass
12	1	FLANGED GUDGEON FOR 18" DIA. MANURE AUGER	103 lbmass
13	1	SCREW SHAFT ASSEMBLY, FULL PITCH FLIGHTING	1001 lbmass
14	1	BEARING MOUNTING PLATE	48 lbmass
15	1	TOP COVER KIT	404 lbmass
16	1	ADJUSTABLE SUPPORT STAND	218 lbmass
17	1	DISCHARGE CHUTE	82 lbmass
18	1	SPHERICAL ROLLER BEARING, 3-15/16" SHAFT	15 lbmass
19	1	PILLOW BLOCK HOUSING, 3-15/16" SHAFT	73 lbmass
20	1	BELT GUARD	38 lbmass
21	1	REDUCER, 2-15/16" DIA. SHAFT, 5.67:1 EXACT RATIO, DODGE TXT505AT	160 lbmass
22	1	ELECTRIC MOTOR - WEG, 20 HP, 1765 RPM, 208-230/460V, 3PH, 60HZ, 1.25 SF, 256T FR.	291 lbmass
23	1	MOTOR MOUNT, STANDARD, FITS DODGE SCXT525 REDUCER	89 lbmass
24	1	GREASE FITTING, 1/4"	
25	1	GRAVITY FEED RESERVOIR, 8 OZ.	
26	1	HOSE ASSY - 1/4" X 25'	
27	1	HOSE ASSY - 1/4" X 14'	
28	1	HOSE ASSY - 1/4" X 8'	
29	1	ADAPTER, HYDRAULIC HOSE, MALE JIC TO NPTF SOLID MALE, STRAIGHT, 4MJ-6MP	
30	1	ADAPTER, HYDRAULIC HOSE, MALE JIC (37 DEG. FLARE) TO, NPTF SOLID MALE 90 DEG.	
31	1	ADAPTER, HYDRAULIC HOSE, MALE JIC TO MALE JIC ON RUN, SOLID NPTF MALE BRANCH	
32	2	ADAPTER, HYDRAULIC HOSE, MALE JIC TO NPTF FEMALE BULKHEAD STRAIGHT	

MACHINE PROPERTIES		
TYPE	POWER, TYP.	SHAFT SPEED, MAX.
	HP	RPM
18"x30"	20-25	130

NOTE: PTO DRIVE ALSO AVAILABLE AT 540 AND 1,000 PTO RPM.

CAPACITY AT GIVEN AUGER RPM			
Material	Bulk Density	1 RPM	130 RPM
	72 LB/FT ³	4 GPM	500-1000 GPM
WET UNDILUTED SLDM	1,153 KG/M ³	18.2 LPM	2,273-4,546 LPM

THE LOADED WEIGHT OF THIS MACHINE IS 8,400 LBS/3,810 KG. WHEN DESIGNING THE SUPPORTING STRUCTURE, A FACTOR OF SAFETY SHOULD BE APPLIED TO THE MACHINE LOADED WEIGHT PER THE FOLLOWING CHART.

FACTOR	VERTICAL LOADS		HORIZONTAL LOADS	
	0.1	0.1	0.1	0.1
2.0	PERPENDICULAR TO THE SUPPORTING SURFACE OF THE WALL OR DRUM	PARALLEL TO THE SUPPORTING SURFACE OF THE WALL OR DRUM	PERPENDICULAR TO THE SUPPORTING SURFACE OF THE WALL OR DRUM	PARALLEL TO THE SUPPORTING SURFACE OF THE WALL OR DRUM



WEIGHT 6,000 LBS/2,722 KG	SHEET NUMBER 1 OF 1	SCALE VARIES	PART NUMBER: GA-MANAUG1830-SLA
DESIGNED BY: [Name]	DESIGNED BY: [Name]	DESIGNED BY: [Name]	DESIGNED BY: [Name]
CHECKED BY: [Name]	CHECKED BY: [Name]	CHECKED BY: [Name]	CHECKED BY: [Name]
APPROVED BY: [Name]	APPROVED BY: [Name]	APPROVED BY: [Name]	APPROVED BY: [Name]
DATE: 30X42	DATE: 30X42	DATE: 30X42	DATE: 30X42