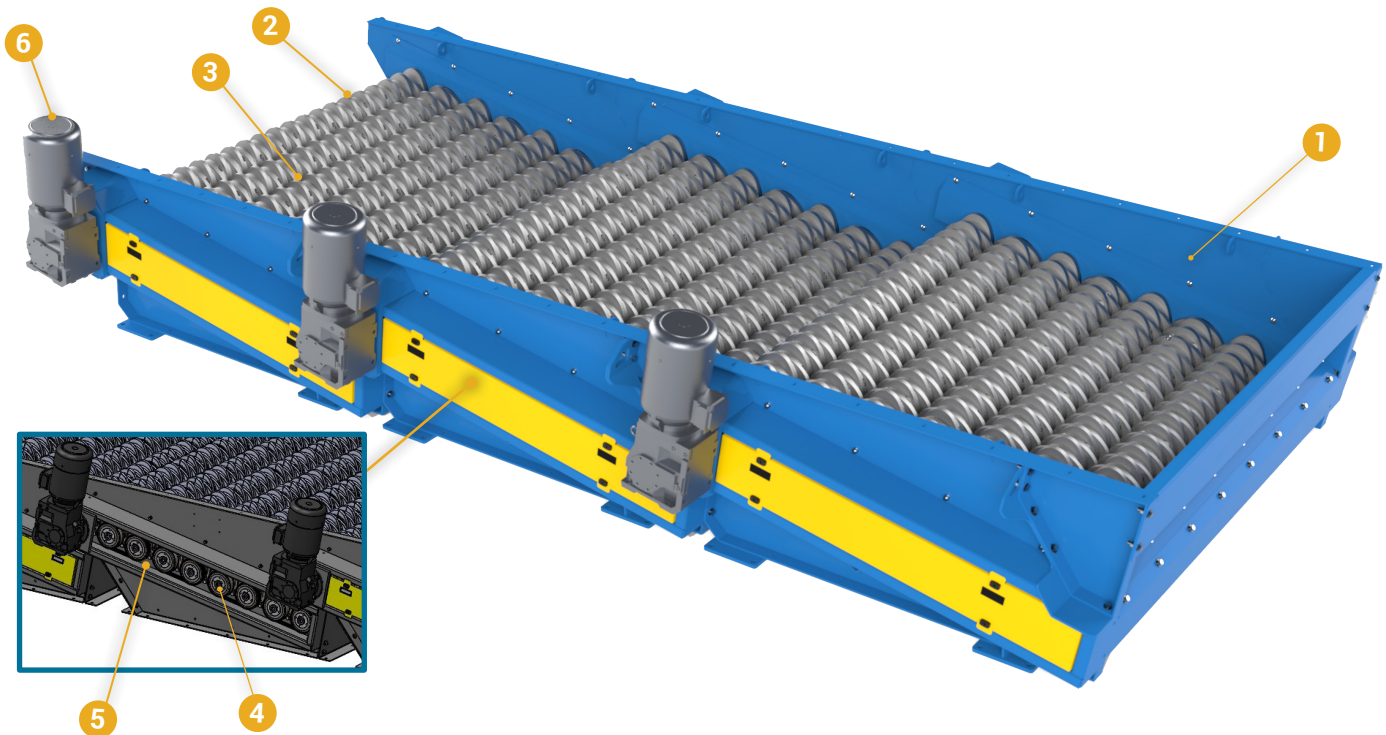


CP GLASS BREAKER

OVERVIEW

The CP Glass Breaker breaks and separates co-mingled glass containers and other glass items into small pieces of 2 inch and smaller. It also sorts and separates the smaller fraction materials from the remaining larger fiber and containers. The glass breaker screens are modular and can be connected to the required screen size.



KEY FEATURES AND COMPONENTS

- 1 Frame** Modular screen section
- 2 Discs** Patented 5-lobed elliptical shaped, cast alloy steel discs
- 3 Rotors** Steel square tube rotors are clocked 90 degrees to each other
- 4 Spindles** Rotors are bolted to spindles allowing for easy removal/replacement of discs.
- 5 SyncDrive™** Timing belts are utilized to drive the rotors for reduced maintenance.
- 6 Gearmotors** With VFD the motor speed can be adjusted by the operator via the MCC.

CP GLASS BREAKER

KEY BENEFITS

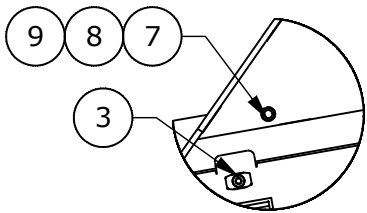
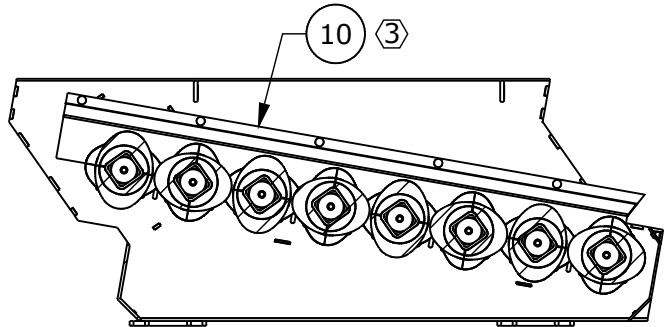
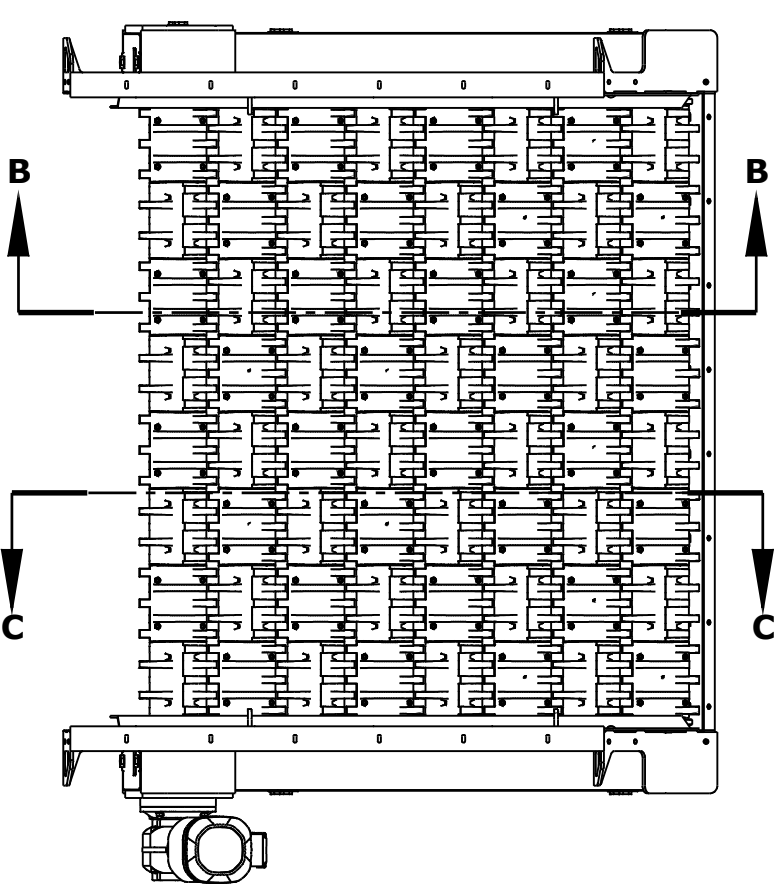
- Breaks and separates glass materials into 2" and smaller pieces.
- Non-pinching disc design accurately sizes material; opening size between discs does not change.
- Minimizes contaminants and dramatically improves marketability of end-products.
- Decreases system-wide maintenance by removing glass early.
- Variable speed drive allows operator to adapt to material changes.
- SyncDrive™ utilizes belts, reducing maintenance as compared to industry standard roller chains.
- Lowest operating-cost screen with the longest lasting discs in the industry.

Dimensions		
Overall Dimensions (1 deck)	(NW+32)W x 88L x 49H	Inches
Nominal Frame Width (NW)	60, 80, 100	Inches
Screen Opening	1.7 x 1.1	Inches
Main Components		
Rotors	9 rotors per deck	4" square tube, steel
Elliptical Cam-Discs	6, 8, or 10 disc assemblies per rotor (respective to frame width)	5 lobes, cast steel alloy, 4 bolts
Spindles	Both ends of each rotor	Automatically centered, bolt-on
Bearings	Both sides of frame at each rotor	4-bolt flange mount, factory lubricated, concentric locking collar
Drive Mechanisms		
Gear Motor	7.5HP gear motor per deck	U.S.: 60 Hz, 3-Phase AC, 460V E.U.: 50 Hz, 3-Phase AC, 380-415V CAN: 60 Hz, 3-Phase AC, 575V
Variable Frequency Drive	Rotor set of one deck rotates at speed of gear motor	Gear motors accept digitized input voltage from the MCC voltage in frequencies from 30-90 Hz
Syncdrive™	Controls every 2 rotors	Carbon fiber belt, taper-lock bushings
Safety Mechanisms		
Access Doors	Access door(s) may be integrated into adjacent panels	Equipped with interlock units controlled through the HMI.

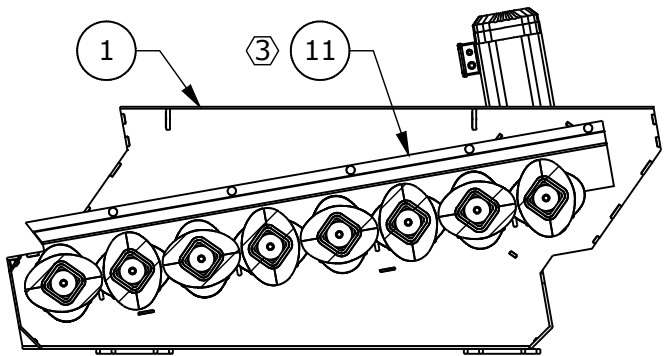
R0321

REV.	DESCRIPTION	DATE	BY
1	ITEM 4-9047077 WAS 4-9047006 & ITEM 4-9047078 WAS 4-9047007	4/30/2015	ME
2	SHEAR PL'S PICTORIAL CHANGE (UPDATE)	4/7/2016	ME
3	ITEM 4-9047113 WAS 4-9047077 & ITEM 4-9047114 WAS 4-9047078	11/7/2016	ME

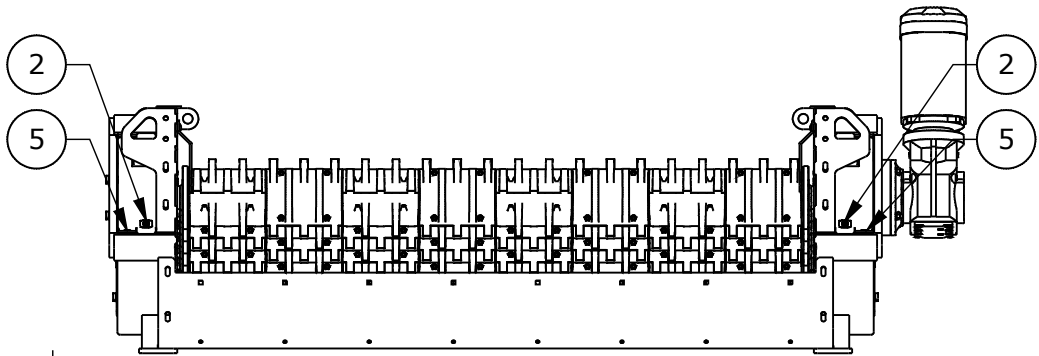
ITEM	PART NUMBER	DESCRIPTION	LENGTH	WIDTH	QTY	NOTES
1	3-9047028E	ASSY, DRIVE COMPONENTS, GB, 80, LH		-	1	-
2	3-9042050	ASSY, FRONT GUARD		-	2	-
3	3-9042028	ASSY, GUARD, SIDE, RH		-	1	-
4	3-9042029	ASSY, GUARD, SIDE, LH		-	1	-
5	5-051814	Push-in Bumper	-	-	8	-
6	3-9026106	Assy, Guard, Motormount		-	1	-
7	5-050830	BOLT CARR 1/2-13 X 1 1/4			10	
8	5-001511	WASHER, SPRING LOCK, 1/2			10	
9	5-001589	NUT HEX 1/2-13			10	
10	4-9047113	SIDE, SHEAR, RH	-	-	1	-
11	4-9047114	SIDE, SHEAR, LH	-	-	1	-



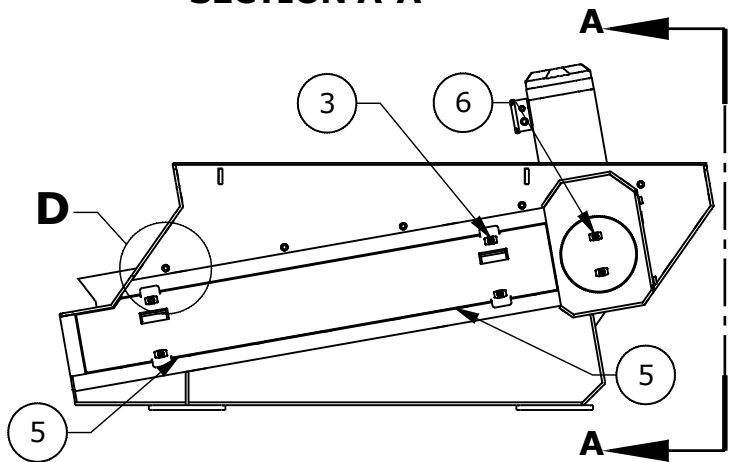
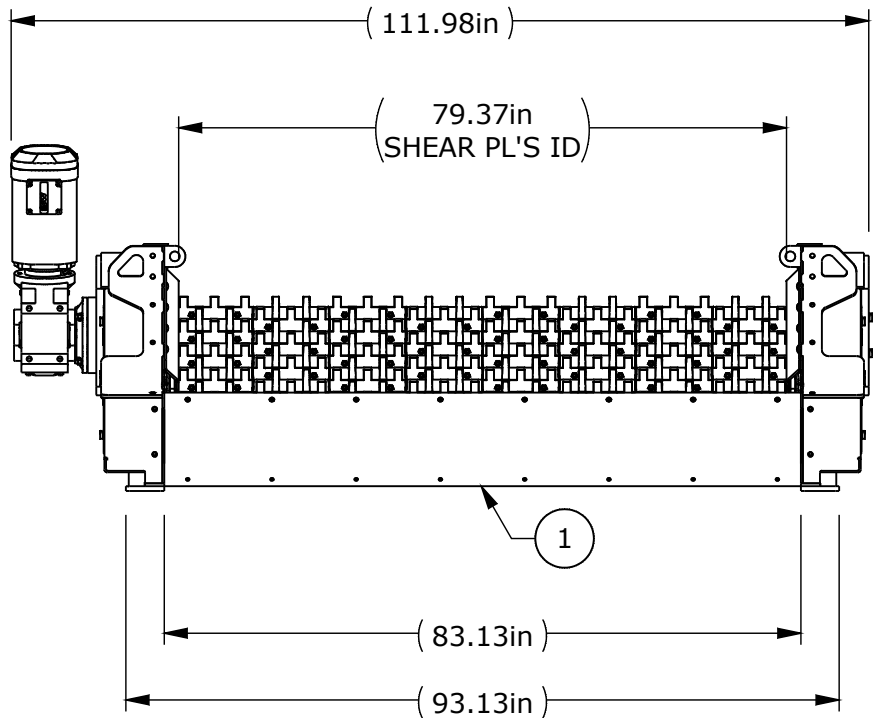
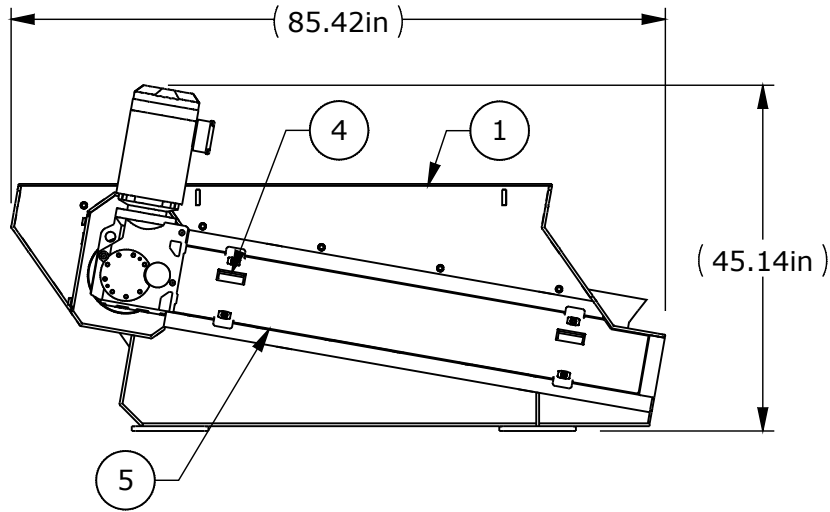
DETAIL D
SCALE 1 : 12



SECTION C-C



SECTION A-A



WEIGHT (LBS): 7426.80

SHEET: 1 OF 1

DRAFTER: Marcelo E		6/27/2013		 CP MANUFACTURING INC. 6795 Calle de Linea San Diego, CA 92154 U.S.A. Tel: (619) 477-3175 Fax: (619) 477-2215 www.cpmfg.com	
DESIGNER: Marceloe					
NOTES & TOLERANCES (UNLESS OTHERWISE SPECIFIED): - ALL STRUCTURAL STEEL TO BE A36 GRADE OR HIGHER. - SHEAR AND BRAKE DIMENSIONS ARE O.D. - BREAK ALL SHARP EDGES, REMOVE BURRS.				DESC: ASSY, GUARD, GLASS BREAKER, 80, LH	
FRACTION 0.X 0.0X 0.00X 0.X 0.X ± 1/16 ±0.1 ±0.03 ±0.010 ±1* ±0.5* THIRD ANGLE		SCALE 1:25		SIZE: B PART NO: 3-9047027E REV: 3	
MATERIAL SEE BOM		ASSEMBLE = 150 OP-A			
C:\cp-labs\products\equipment\machines\glass\glass breaker machine\glass breaker keyed bushings\gb 80in wide\3-9047027E					