

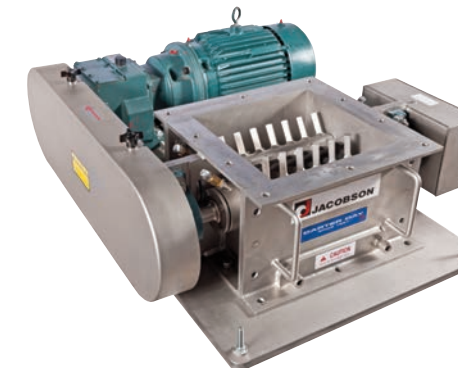
CARTER DAY JACOBSON

CARTER DAY

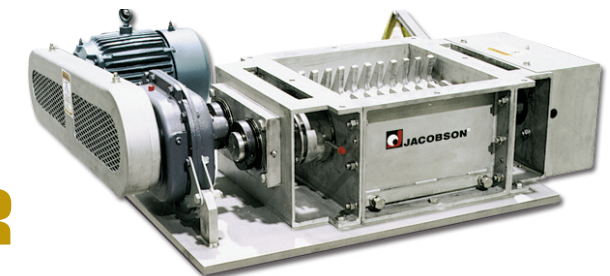
Sizing & Separating Equipment



FULL NELSON CRUSHER



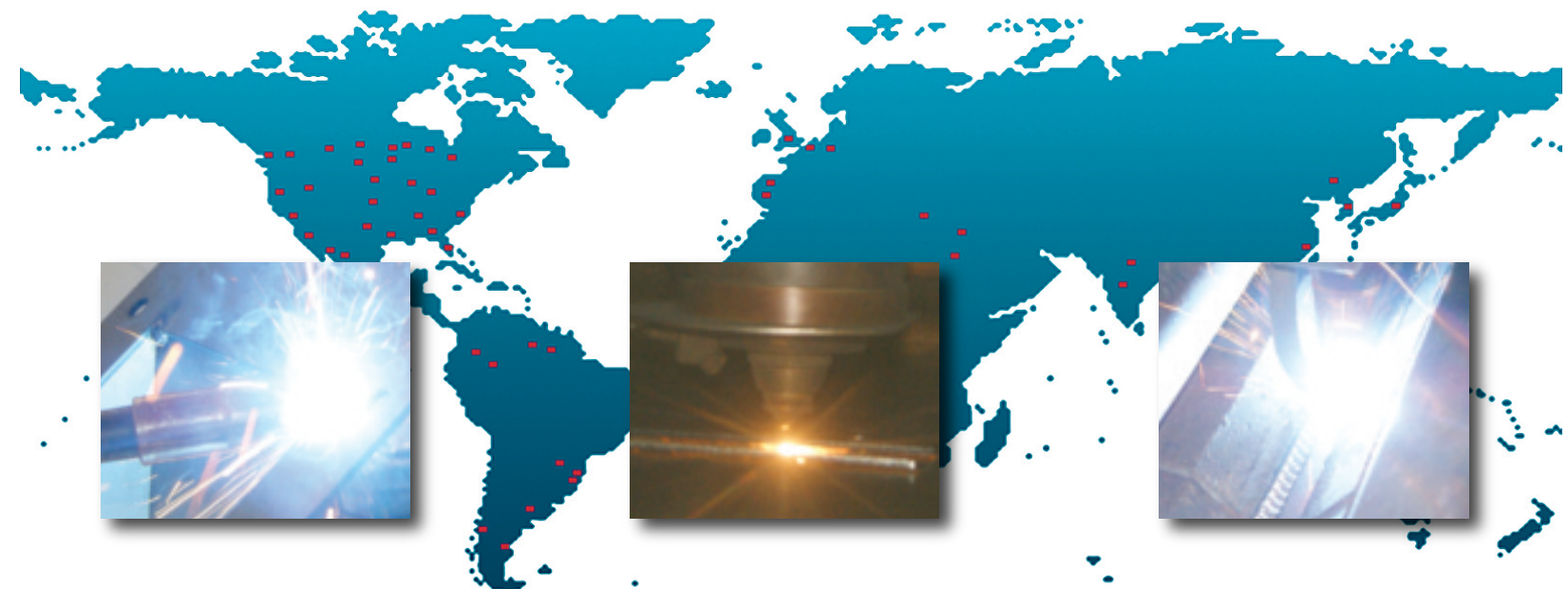
HALF NELSON CRUSHER



MATERIALS OF CONSTRUCTION

All Lump Busters, Half Nelson and Full Nelson Crushers are fabricated with heavy-duty steel plate, either carbon steel, stainless steel or food-grade stainless steel. On food-grade machines, all contact parts are made with stainless steel. The interior is ground smooth with no pits, crevices or hang-up areas, creating an uninterrupted free-flowing design. Air Purge Packing Gland Seals are standard on food-grade machines. Bearings are outboard and separated from the sealing area.

LUMP BUSTER



JACOBSON HALF NELSON CRUSHER

EFFICIENT PREP MACHINE

The Jacobson Half Nelson Crusher is used as a lightduty crusher/lumpbreaker for friable, agglomerated materials. It is ideal for materials that require size reduction to:

- 1.) create more surface area for faster cooling or dissolving,
- 2.) improve flowability to reduce power requirements, or
- 3.) control particle size so ingredients are mixed properly



HALF NELSON CRUSHER

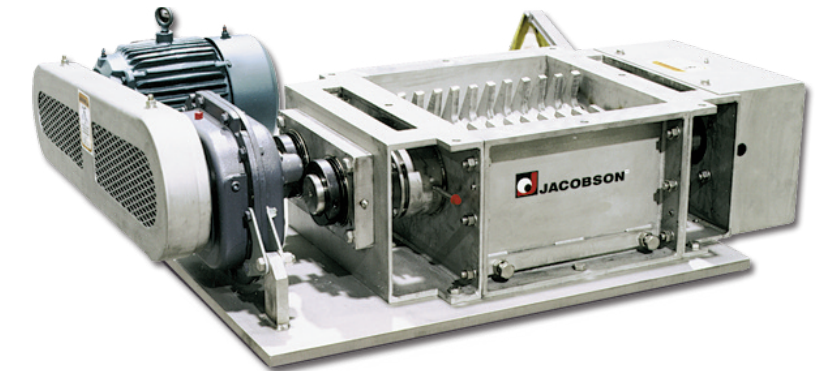
DIMENSIONS				
MODEL	9X9	12X12	12X18	12X24
A	9	12	18	24
B	9	12	12	12
C	13-1/2	12-5/16	14	17-1/8
D	25-1/8	33	40-1/4	42-11/16
E	26-3/8	34-7/8	30-1/8	34
F	5-1/2	10-1/4	14-3/4	8
Weight*	230	270	310	420
Rate**	1-6	2-12	3-15	4-20

*Weight without motor
 **1,000 pounds/hour (based on 35#/cu.ft.)
 Dimensions in inches
 Estimates — consult test lab for specific rates

TIME-SAVING SCREEN OPTION

With our optional quick screen-change mechanism, you can take the screen in and out in just minutes while the machine remains in-line. The option eliminates the need to disassemble duct work, or risk having hygroscopic material agglomerate during downtime—just take the screen out during shut down. A product retention tray is included to prevent unprocessed product from entering the material flow.

JACOBSON LUMP BUSTER



LUMP BUSTER

DIMENSIONS					
MODEL	A	B	C	D	E
99	9	30-7/8	10	30-7/8	26-1/4
1212	12	29-7/8	10	29-7/8	34-1/2
1515	15	45	13	45	42-3/4
1524	24	60-9/16	13-3/16	60-9/16	49
1536	15	72	14-11/16	72	58
1717	17	49	16-3/4	49	44
1736	36	71-3/4	16	71-3/4	47-1/4
2020	20	67	21-1/32	67	73
2048	48	78-7/8	22	78-7/8	75
3030	30	93-1/2	24	93-1/2	65
3636	36	75-7/16	30-13/32	75-7/16	67-31/32
4848	48	80-1/2	39	80-1/2	80-1/4

Dimensions in inches

SAVE TIME CHANGING BREAKER BAR ASSEMBLY OR SCREEN

The Lump Buster comes with a breaker bar assembly or optional screens. These are normally removed from the bottom of the machine. However, with our optional Quick Screen Change mechanism, the breaker bar or screen can easily be removed from the side, cleaned, and replaced while the unit remains in-line. This option eliminates the need to disassemble ductwork, or risk having hygroscopic material agglomerate during downtime.