



HempTrain™
Advanced Processing Plant

Technical Data Sheet

OVERVIEW

The HempTrain Advanced Processing System employs an automated, non-destructive technology engineered to mass-process baled hemp straw – round or square bales – into four high-value product streams: premium, long, intact fiber; spec-sized hurd, clean micro-hurd and nutrient rich green micro-fiber.

Developed by an expert engineering company, in business since 2002 (owned by an award-winning engineering group since 1987), HempTrain is the only commercially proven world-wide, state-of-the-art hemp processing system, designed to serve industrial scale operations and access multi-billion-dollar markets across construction, bio-composites, agriculture and consumer sectors. HempTrain manufactured products are aimed at supporting sustainability in almost every sector of the economy.

EQUIPMENT FEATURES

➤ High Fiber Feedstock Processing

HempTrain employs non-destructive process equipped with anti-jamming controls to produce long, intact, strong fiber up to 36" (1000 mm) long.

➤ Fiber Cleaning

Includes specialized cleaning modules for superior hurd-fiber separation, producing cleaner fiber and liberating more valuable hurd in the process.

➤ Bale Input

Equipped with a unique Bale Opener, the facility can mass-process both, square and round bales

➤ High Throughput Capacity

Processes up to 3000 lbs / hour (feedstock dependent) supporting large-scale business operations.

TECHNICAL SPECIFICATIONS

Overall dimensions: 96'4" L x 22'9" W x 15'3" H

- See attached layout drawings
- Minimum height clearance in building: 19 ft (5.8 m)
- Power Requirements: 175 kVA
- Fully certified American built Dust Control System
 - Designed specifically for hemp dust
 - Fire/explosion containment components included
 - Indoor installation—no make-up air required
 - Quick—Disconnect ducting
- Full steel construction and powder coated
- Standard, easily sourced drive components
- Spare parts are stocked



BAST FIBER



HURD



**GREEN
MICROFIBER**



MICRO-HURD

SHIPPING INFORMATION

- 4—40' HC shipping containers or flat-deck trailers
 - Total weight 90,000 lbs (41,000 kg)
- Delivery available across the world
- CSA/UL/CE Certifications available
- Delivered, installed & commissioned
- Hands-on training + ongoing technical support
- Standard manufacturer warranty

CONTACT US!

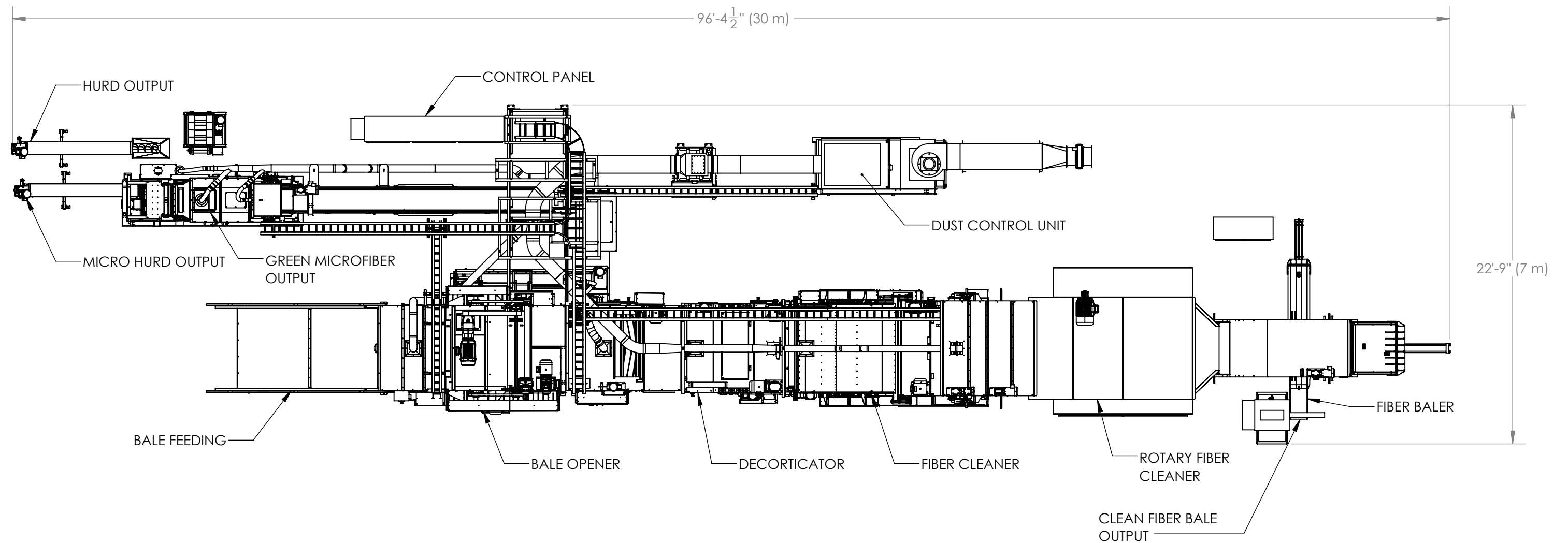
Get in touch to book a live demo and request your custom quote today!

Address: 9385 23 St SE Bay #1
Calgary, AB | T2C 5R2

Phone: 1-877-974-3377

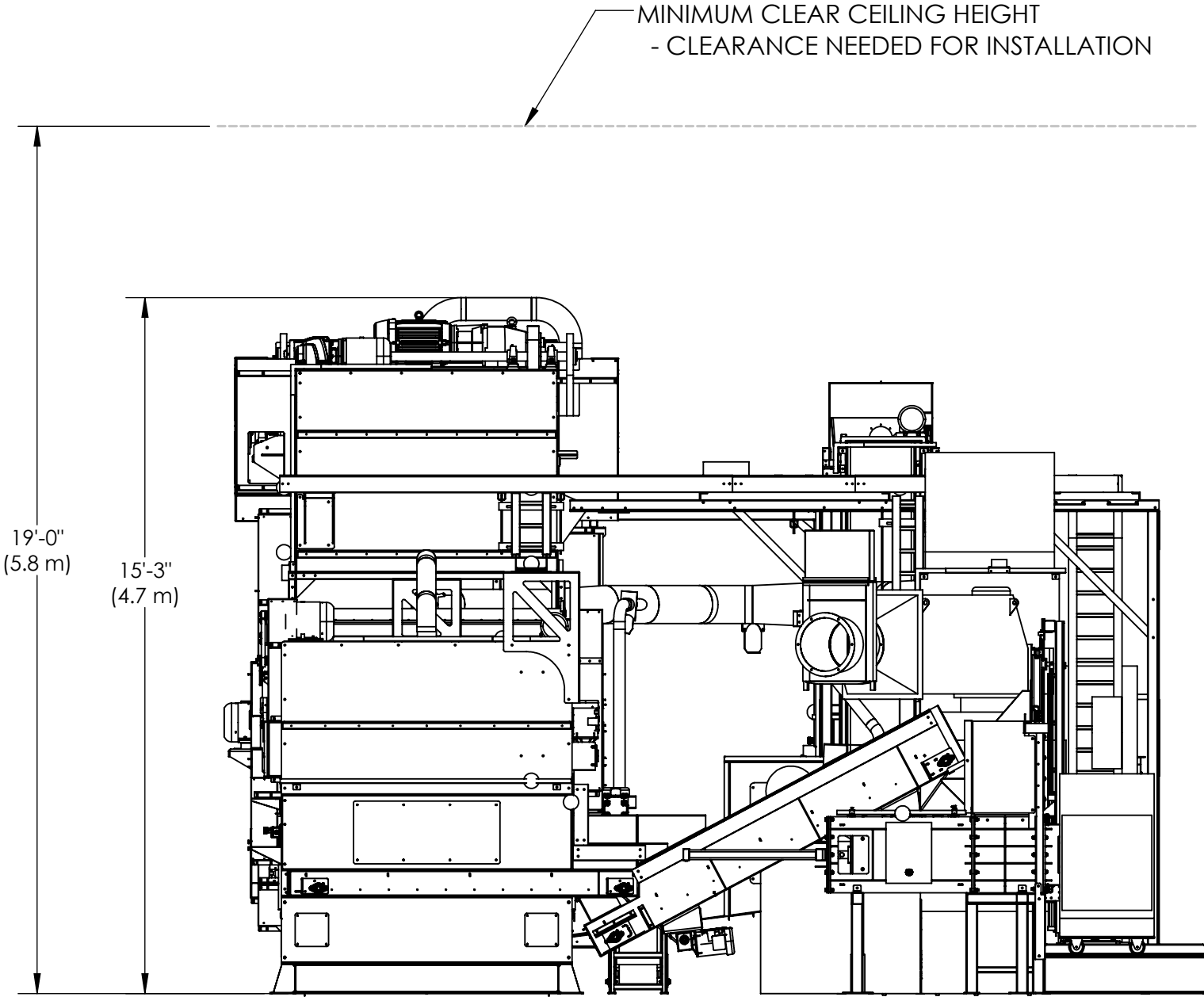
Email: info@canadiangreenfield.com
www.canadiangreenfield.com





PLAN VIEW

 #159, 3953 112 AVE SE CALGARY, AB, T2C 0J4	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CANADIAN GREENFIELD TECHNOLOGIES CORP. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CANADIAN GREENFIELD TECHNOLOGIES CORP. IS PROHIBITED.		DESCRIPTION HEMPTRAIN	
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GENERAL ARRANGEMENT DRAWING SUBJECT TO CHANGE PLEASE REQUEST CURRENT LAYOUT	APPR. BY: _____	DATE _____	SCALE: 1:80 DO NOT SCALE DRAWING	SHEET 1 OF 1 WEIGHT: 90000 LBS



SIDE VIEW

APPROVED FOR CONSTRUCTION

APPROVED BY: _____
DATE: _____
QTY: _____



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DESCRIPTION
HEMPTRAIN

PART NO. _____ REV _____

HT-LAYOUT

SCALE: NTS
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SHEET 2 OF 2

WEIGHT: 75000 LBS