

Manufacturers/ Companies/ Sectors that can use the products of the R-2 Decorticator (Some of)

Fibre	Core
Household items such as Carpets Rugs Towels Curtains Sheets Cord Twine Furniture and automotive upholstery Industrial belts Fire hoses	Paper products Paper Paperboard Card stock Consumables Inactive fillers in drug tablets Wide range of soluble cellulose derivatives Science Stationary phase for thin layer chromatography Energy crops Biofuel Building material
Technical textile Filter clothing Furniture Hygiene medicals Construction material	Hemp concrete Biodegradable garden mulch Lightweight board Acoustical ceiling and/or wall tiles Non-wood plastic filler Other innovative eco-friendly bioproducts
Automotive applications of natural fiber reinforced polypropylene include Inner door panels Headliners Package trays Trunk floors Seatbacks Dashboards	Bio-composites Construction materials Textiles Insulation Bedding Paper production
With the use of natural fibres in Composites packaging Automobile Construction Natural fibre composites are also finding its way into Sport Aerospace Boat Electronic industries	



Who should consider an R-2 Decorticator Alliance with CannaSystems?

Companies that are looking for:	
New Products	<p>Every time we show materials people what the decorticator can deliver, they immediately start telling us how they can use, depending on their interest/ background, the Fibre or Core to create new products or improve current products. They want to know how much of it they can get and how quickly they can begin receiving it.</p> <p>So, what could your company do with the Fibre or the Core?</p>
Strategic Fit	<p>Companies that are looking to collaborate with other companies looking to build out the Industrial Hemp sector. A supply chain is built over time. It is much easier, and more pleasant, to be able to do so with like-minded companies.</p>
Expertise	<p>CannaSystems brings over 50 years' experience in the sector. We have contacts and connections throughout the sector. If we don't know the answer, we will tell you. And offer to find out, if it seems important to do so.</p>
Growth	<p>Legalization of Cannabis in North America has opened multiple new opportunities on all sides of the plant. We believe the "Gold Rush" will continue for the next couple of years for THC and CBD. The bio-mass market has contracted faster than anticipated. We believe the true long-term potential for the plant lies in fully utilizing all the plant. And that will only come from the business end of a decorticator. The only limitation then will be the imagination of the people involved.</p>
Public Relations	<p>Fully utilizing the entire plant, instead of disposing or burning what was previously waste, is a great story. Providing the raw material that will further enable capturing and storing CO2 and connecting your company at these initial stages can help with community and public outreach.</p>
Financial	<p>The CannaSystems R-2 Decorticator is designed to generate profits out of the box. At two (2) tons per hour, the R-2 delivers \$950 per hour gross revenue, and profits of \$350 per hour, if your interest is purely financial.</p> <p>If your interest is in the Fiber, your material costs may be reduced by 84%, from \$1,000 per ton to \$158.</p> <p>If you want the Core for your own needs, your material costs may be reduced by 87%, from \$250 per ton to \$33.</p>

CannaSystems R-2 Decorticator
Sample Calculations



Stand-alone Business						Per Hour	Per Shift	Per Week	Per Year
Tons per hour						2	12	60	3,120
Revenue	Yield %	Tons	\$ per						
Fiber	30%	0.6	\$ 1,000	\$ 600					
Core	70%	1.4	\$ 250	\$ 350	\$950	\$5,700	\$28,500	\$1,482,000	
Expense									
						Per Hour			
Stalk		2.0	\$ 200	\$ 400					
People		3.0	\$ 40	\$ 120					
Other		1.0	\$ 80	\$ 80	\$600	\$4,000	\$20,000	\$1,040,000	
Profit						\$350	\$1,700	\$8,500	\$442,000
Per Ton						\$175	\$142	\$142	\$142

Fibre desired as Raw Material						Per Hour	Per Shift	Per Week	Per Year
Tons per hour						2	12	60	3,120
Revenue	Yield %	Tons	\$ per						
Fiber	30%	0.6	\$ -	\$ -					
Core	70%	1.4	\$ 250	\$ 350	\$350	\$2,100	\$10,500	\$546,000	
Expense									
						Per Hour			
Stalk		2.0	\$ 200	\$ 400					
People		3.0	\$ 40	\$ 120					
Other		1.0	\$ 80	\$ 80	\$600	\$4,000	\$20,000	\$1,040,000	
Fibre (cost) per unit						-\$250	-\$1,900	-\$9,500	-\$494,000
Fibre (cost) per ton per unit						-\$125	-\$158	-\$158	-\$158

Core desired as Raw Material						Per Hour	Per Shift	Per Week	Per Year
Tons per hour						2	12	60	3,120
Revenue	Yield %	Tons	\$ per						
Fiber	30%	0.6	\$ 1,000	\$ 600					
Core	70%	1.4	\$ -	\$ -	\$600	\$3,600	\$18,000	\$936,000	
Expense									
						Per Hour			
Stalk		2.0	\$ 200	\$ 400					
People		3.0	\$ 40	\$ 120					
Other		1.0	\$ 80	\$ 80	\$600	\$4,000	\$20,000	\$1,040,000	
Core (cost) per unit						\$0	-\$400	-\$2,000	-\$104,000
Core (cost) per ton per unit						\$0	-\$33	-\$33	-\$33

Per Shift = 6 hours up time in 8 hour shift, Per Week = five days per week, Per Year = 52 weeks per year.