



# COPRA

Processing with the Latest Hivex™ Technology

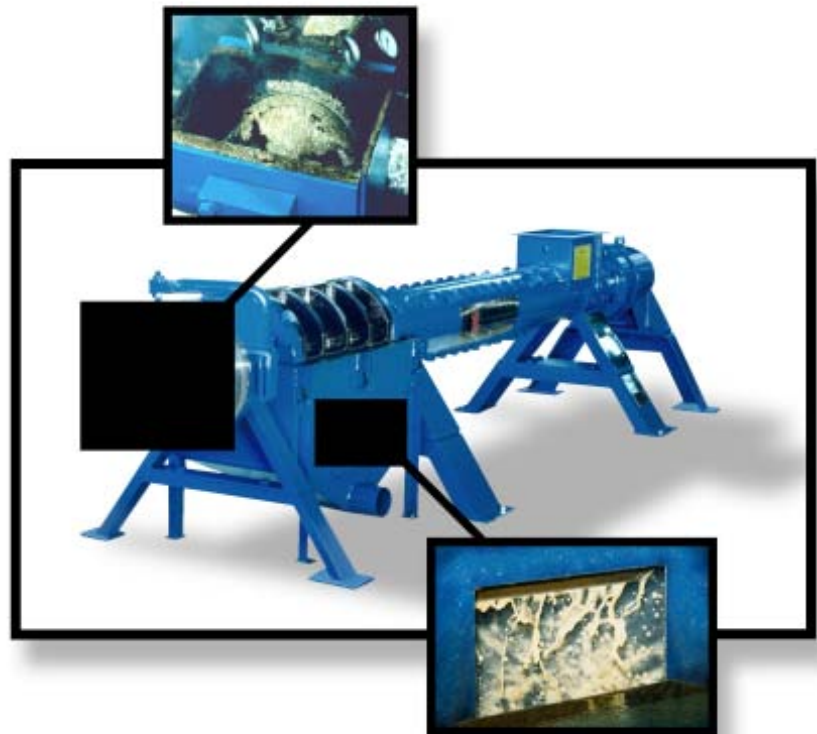
## The “Super Copra Process” Comes to the Philippines, Attains 40% Capacity Increases

Anderson’s Hivex™ Expander has once again demonstrated superior ability to increase Expeller® capacity and oil production for yet another important oil staple, Copra oil.

In commercial Copra production, Hivex™ technology increased Expeller® plant capacity 40% and maintained residual oil performance at 7-8%.

Anderson’s technicians, upon returning from a month-long sojourn in the Philippines commented “It was extraordinary to see the high quantity of oil liberated directly from the Hivex™, as well as the ease by which the existing Expeller® presses accepted the higher capacities.”

This information is dramatic when you relate it to the following facts\*:



- 40% increase in capacity on total plant basis by use of one Anderson Hivex™ Cone Choke Expander using a 200 HP motor to process 175 MT/D Copra
- Per ton reduction in steam consumption
- Reduction in electrical energy requirements
- Extracted oil color and FFA improved significantly

\* Oil mills surveyed had multiple Anderson Twin Motor Super Duos

***Copra processing as known today is obsolete. Join the new revolution!***

If you would like to learn more about Hivex™ technology, contact Anderson International Corp at:

[Hivex@andersonintl.com](mailto:Hivex@andersonintl.com)



## Hivex™ Technology, A Brief Overview

Use of expanders for preparing oilseeds for more efficient solvent extraction was developed and patented by Anderson International in 1961 for rice bran, soybeans, and cottonseed. By 1988, oilseed processors required expander technology capable of processing seeds, beans, and nuts with higher oil content; thus Hivex™ technology was created. The invention was found unique and patents were awarded in 1988. Expanders, whether solid-walled or Hivex™, utilize the ability to combine HTST (high temperature short time) cooking with high rotational shear to rupture oil cells and restructure material density. This improves solvent extraction up to 100% and Expeller® operations up to 300%. Expander technology reduces steam and electrical energy requirements in addition to improving the quality of the oil produced.

### Hivex™ Selection Parameters

Model Number	Capacity Range (MT/Day)	Horsepower Range (Conn. HP)	Shipping Dimensions (LxWxH)		Shipping Weight	
			ft	mt	lbs	kgs
HIVEX88cc	175-200	150-200	12x4x4	3.7x1.2x1.2	4400	1995
HIVEX1212cc	300-400	300-400	32x5.5x5.5	9.8x1.7x1.7	10500	4762

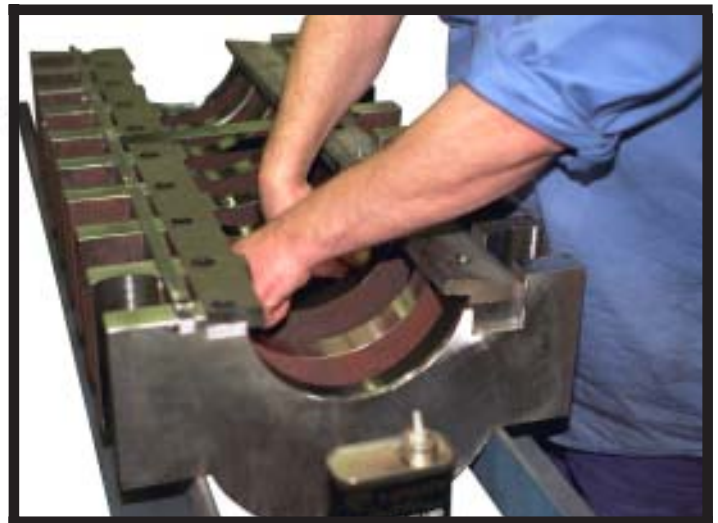
## The Key to Operational Efficiencies

When you purchase genuine Anderson replacement parts, you not only acquire high-quality parts, but you also establish a relationship with certified Anderson technicians. Purchasing non-Anderson parts risks the efficiency of your operations - leading to higher energy costs and lower production. Genuine Anderson parts are designed with efficiency and value of the product in mind.

Joe Busser, a long time Anderson Expeller designer, once stated "Send your best technician to visit a different mill each month for two years, and he will gain the same experience he might have gained in twenty years in the same mill." What is the point? This is exactly what Anderson technicians have been doing since 1901. They travel to mills around the world working with each client to improve operational efficiency.

What is the value of Anderson experience to a mill operator? Tens of thousands of U.S. dollars per year in yield improvements, energy savings, and part replacement costs.

Attack your bottom line - insist on Anderson replacement parts.



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