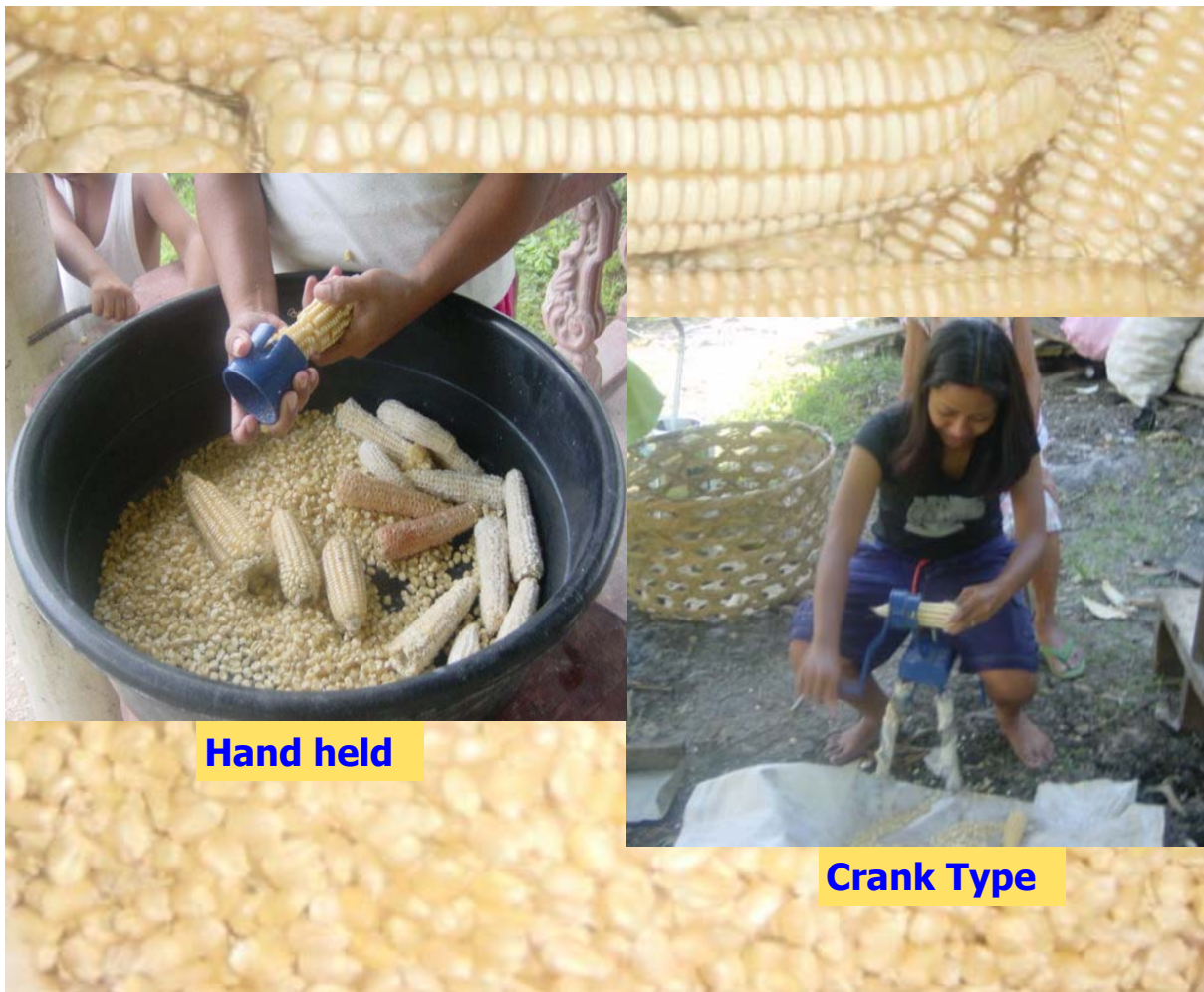




AGRICULTURAL MECHANIZATION DEVELOPMENT PROGRAM

**Institute of Agricultural Engineering
College of Engineering and Agro-Industrial Technology
University of the Philippines Los Baños
College, Laguna, Philippines**

AMDP MANUAL CORN SHELLER



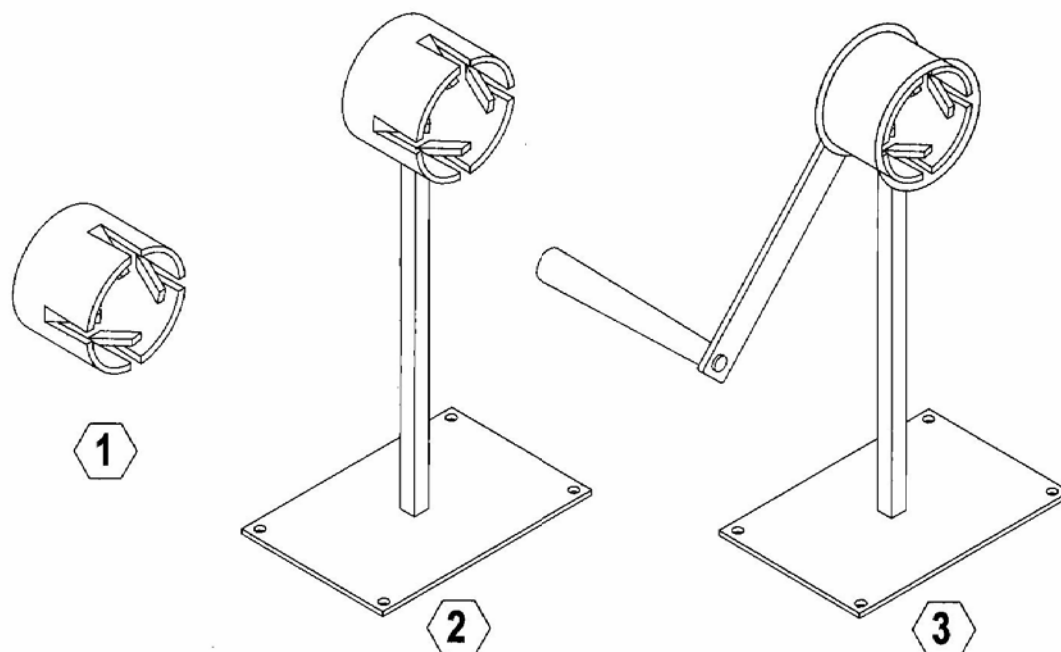
Hand held

Crank Type

For more information, contact:

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FEATURES:

- Light and simple in construction
- Inexpensive
- Constructed from locally available materials
- Can be used for different sizes of corn ears

SPECIFICATIONS:

Types:	Hand –held, Crank-type			
Shelling capacity:	22-30 kg/hr			
Shelling Efficiency:	100% shelling efficiency			
Dimensions (mm):	Diameter	Length	Width	Height
Hand-held:	50	60		
Crank-type:	50	660	245	520
Weight:				
Hand-held:	150 g			
Crank-type:	3 kg			
Labor requirement:	One person			

METHOD OF OPERATION:

For the hand held version, insert the smaller end of the corn ear against the teeth of the sheller. Start rotating the sheller while continuing to press the ear against the teeth of the sheller until the whole ear is shelled. For the crank type version, sit on the bench provided, hold the crank and insert the smaller end of the corn ear against the teeth of the sheller. Start rotating the crank and continue until the whole ear is shelled. The teeth of the sheller can be adjusted to accommodate different sizes of corn ears. With a pair of pliers increase or decrease the opening of the teeth of the sheller by individually adjusting the teeth according to the desired size of ears to be shelled.