



# Lilliput Gin - The Small Portable Gin of CIRCOT



## Introduction

The cotton markets where transactions are taking place on the seed cotton (*kapas*), the lint content of the *kapas* is estimated by the purchasers/brokers by manual judgement which is bound to involve large personal errors. Similarly, the breeder has to estimate the ginning percentage of hundreds of genotypes generated in research trials as accurately as possible in a short time. For quick and accurate estimation of ginning percentage, CIRCOT has designed a portable type ginning machine christened as **Lilliput Gin** for the use by ginners, breeders, seed industry, farmers and traders.



Lilliput Gin being inaugurated by Shri M.B. Lal, Adviser, Technology Mission on Cotton, Ministry of Textiles, Govt. of India, in the presence of Dr. K.R. Krishna Iyer, Director, CIRCOT and Shri P.G. Patil, Officer-In-Charge, Ginning Training Centre, Nagpur

## *Lilliput Gin*

The Lilliput Gin is normally power operated using a 0.2 hp single phase motor. However, where power supply is not available, this gin can be operated with hand. This machine works on the principle of the Macarthy Gin. A chrome leather roller, fixed knife and moving knife are the main components that accomplish separation of fibres from the seed.

### *Specifications*

#### **Capacity**

2.5 Kg Kapas/hr

#### **Power Requirement**

Single Phase

0.2 hp motor

#### **Weight**

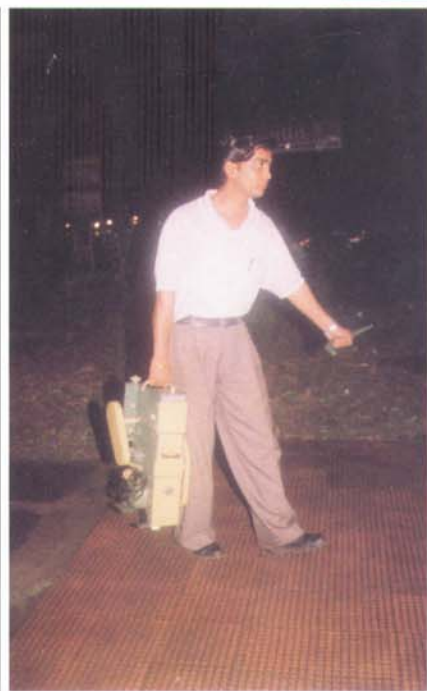
18 kg with motor

#### **Size**

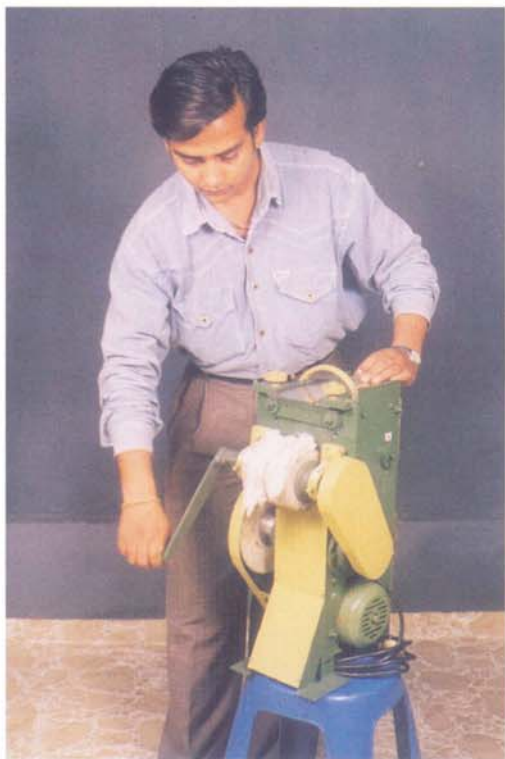
Base 27 cm × 19 cm

Height 50 cm

*Licence has been issued for fabrication, supply and servicing of Lilliput Gin to M/s Precision Tooling Engineers, Nagpur.*



The Lilliput Gin is portable



The Lilliput Gin can be operated by hand if power is not available

### For further details contact



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