

Technology Bureau for Small Enterprises

Technology offer and request

Technology Request

Ref.ID: TBS-6163-TR

Manufacture of better quality Mustard & Soya refined Oil**Country:** India

Description : The technology seeking Dhubri (Assam) based enterprise belongs to a diversified group. The group is engaged in the manufacture and trading of wheat products and mustard oil and other similar products and achieved turnover of Rs. 450 million (USD) 9 million approx) per annum. The unit itself currently manufactures wheat products and mustard oil, using cast iron filter press and micron filter system of 10 and 3 micron of paper cartridge. Its total assets amount to Rs. 50 million (USD 1 million approx) and it clocked sales turnover of Rs. 300 million (USD 6 million approx.), during FY 2002-03. Now it intends to enter into filtration and packing of Soya refined oil also. The company is looking for "Centrifugal Oil Separator" technology for filtration of coarse filtered oil after C.I. filter press so as to produce improved quality mustard oil & soya-refined oil. It wants to have filtration efficiency of less than 1 micron or better. The capacity of filter required is 30,000 litres on 16 hours basis (two shifts of 8 hours each). The company has required manpower and considerable experience of managing its manufacturing operations, backed by a good marketing set up. It also has sufficient financial and other resources to implement the aforesaid technological upgradation project.

Areas of Application: Food processing industry.**Market Information:** Based on their business experience and in house assessment the company has identified good potential and a growing market for the products.**Stage of Development:** Commercialized technology is sought.**Inputs Available:** The company has requisite manufacturing set up. It can also mobilize necessary financial resources for absorbing the technology.**Economic Data:**

(i) Existing investment: Group-Rs. 70 million (USD 1.4 mn); Firm-Rs. 50 million (USD 1 mn);

(ii) Annual sales turnover: Group-Rs. 450 million (USD 9 mn); Firm-Rs. 300 million (USD 6 mn).

Transfer Forms: Technology Transfer, Consultancy and Technical assistance.**Countries to Search:** Worldwide**Languages:** English**Technology Offer**

Ref.ID: TBS-6164-TO

Multi Needle Shuttle Computerized Quilting**Country:** Hong Kong

Description: The technology providing company is part of a Hong Kong based industry group, which deals in high-tech industry mainly in application software, intelligent control system and system integrating. It supplies modern high-tech equipment in the fields of garments, computerized embroidering, computerized quilting and industrial controlling etc. Over the years, it has worked on and produced 43 series of products, including 109 different kinds. Computerized quilting equipment system is designed and produced with intelligent technology having advantages such as complete product series, stable and excellent performance, various functions, competitive price, convenient operation and brief installation. The overseas company has agent in India for after sales support.

It can also provide punching system for computerized quilting. This punching system is supported by windows operation panel and explored by VC ++. Convenient and timely modify function enables to simplify the designing work or redesign the pattern. It also has printing or scanning functions to observe the realistic effect. Furthermore, this punching system is compatible with multi-needle shuttle machine, non-shuttle multi-needle machine, bobbin multi-needle machine and single head machine etc.

Areas of Application: Textile of non-apparel nature**Advantages**

- Auto raising needle
- Thread breakage detection
- Urgent stop protection
- Trouble diagnosing
- Quilting free at 360 degree
- After sales support available in India

Stage of Development: Commercialized**Economic Data :** Can be arranged on request**Transfer Forms:** Supply of equipment, Technical assistance, Operating know-how, After sale service etc.**Target Countries:** India**Regarding the above, contact:**

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