



KHADI

Release of e – Charkha

Khadi: The Handcrafted Textile

Khadi is a cloth woven by hand, using hand spun yarn only. It is entirely hand crafted as the spinning (process of yarn forming) and weaving (the process of cloth forming) both are done by hand. The process of spinning is done by Charkha. Initially it has only one spindle. The charkhas introduced by KVIC incorporating the ring spinning technology are of multiple spindles ranging from 2 to 12 spindles.



Single Spindle e - charkha



2 Spindle e - charkha

Khadi: The energy conserving cloth.

Environment and Ecology occupy a prominent place among the key issues faced by the world today. In an era of degenerating environment particularly global warming, khadi activity is perhaps the only activity, which is not based on use / burning of fossil fuel. Khadi is therefore an energy conserving cloth.

On the occasion of Golden Jubilee, KVIC has added a new dimension to its New Model Charkha. The charkha is not only an energy conserving implement now, but an energy producing implement also.

Charkha an energy producing implement

The e-charkha developed by KVIC in association with Flexitron, Bangalore enables a spinner, living in the hinterland of the country, to spin yarn and also generate enough power to light up her home and listen to transistor. Such e-charkha is available in all spindle-age i.e. single, 2 spindle and 8 spindle models.



8 Spindle e - charkha

e-charkha dedicated to the Nation



Hon'ble President of India, Smt. Pratibha Devisingh Patil dedicated e–charkha to the Nation on 19th November 2007 on the auspicious occasion of Golden Jubilee Celebration of Khadi and Village Industries Commission at Vigyan Bhavan, New Delhi.

Features of e – charkha

- ☞ The e-charkha is provided with a generator.
- ☞ Spinning on the 2 spindle e-charkha just for 2 hours would give yarn of length 2.4 km (2.4 hanks) and a light output / back up for 7.5 hours, which is sufficient for one day use.
- ☞ The generator can easily be connected to / disconnected from charging simply by flipping a switch to on / off mode.

Components of e – charkha

- ☞ Spinning unit contain one / two / eight spindle charkha.
- ☞ The lighting unit has the LED of 1 watt.
- ☞ The transistor radio – normal AM/FM tuner.
- ☞ Battery.

Spinning of e-charkha for only two hours a day would render the following benefits

- ☞ Lighting of LED lamp and listening transistor continuously for 7 ½ hours.
- ☞ Spinning on 2 spindle e-charkha per day for two hours produces 2.4 hanks or 2400 metres of yarn.
- ☞ Spinning on 2 spindle e-charkha for 25 days in a month will produce yarn sufficient for a single bed-sheet, a bath towel and a shirt.



LIST OF APPROVED CHARKHA MANUFACTURERS

1. Dy. Director I/c., G.N. Multi Disciplinary Training Centre, KVIC, Agar Road, P.O. Dahanu, Dist. Thane – 401601 **(Maharashtra)**
Tel. No. 20528-222626
2. Manager, Ambar Utpadan Saranjam Vibhag, Gramodyog Mandir, Padok, Rajkot – 3 **(Gujarat)** **Tel.No.0281-2701794 / 09925371808**
3. Secretary, Khadi Gramodyog Prayog Samiti, Ashram Road, Ahmedabad – 27 **(Gujarat)** **Tel. No. 079-27559382**
4. Khadi Saranjam Karyalaya, Ashram Road, Ahmedabad **(Gujarat)**
Tel. No. 079-7559831-32
5. Ambar Utpadan & Research Centre, 17-18, GIDC, Udyog Nagar, Gondal – 360311, Rajkot **(Gujarat)** **Tel. No. 0281-25220177**
6. Secretary, Gram Sewa Mandal, Saranjam Karyala, Gopuri, Wardha - 442914 **(Maharashtra)** **Tel. No. 07152-242749**
7. Secretary, Tamilnadu Sarvodaya Sangh, Gandhi Nagar, Tirupur, Coimbatore **(Tamilnadu)** **Tel. No. 0421-2470062**
8. Secretary, Coimbatore North Sarvodaya Sangh, Khadi Bhawan, N.H. Road, Coimbatore – 641001 **(Tamilnadu)** **Tel. No. 0422-2398857**
9. Secretary, Karnataka Khadi Gramodyog Federation Ltd., Bengeri, Hubli – 580 023. **(Karnataka)** **Tel. No. 0836-2282603**
10. Secretary, Badigerar and Kammarar Khadi V.S.S.Ltd., Asangi, **(Karnataka)** **Tel. No. 09880931841**
11. Secretary, Shri Mahalakshmi Khadi Gramodyog Sangh, Asangi **(Karnataka)** **Tel. No. 09945140114**
12. Secretary, Vishwakarma Gramodyog Kaigarika Association, Mahalingpur **(Karnataka)**
13. Secretary, Samistipura Anumandaliya Khadi Gramodyog Samiti, Waini, Block- Pusa, Dist. Samastipur - 848131 **(Bihar)**
Tel. No. 06274-283267 / 9934768292
14. Secretary, Madhubani Zilla Khadi Gramodyog Sangh, Madhubani **(Bihar)**
Tel. No. 06276-222225

15. Secretary, Bhagalpur Zilla Khadi Gramodyog Samiti, Naya Bazar, Bhagalpur- 812002, **(Bihar)**
Mobile No. 9934457309 / 9430612376
16. Secretary, Sitamadhi Zilla Khadi Gramodyog Sangh **(Bihar)-843302**
Tel. No. 06226-250455
17. Secretary, Chandrakanta Lalit Mohan Resham Khadi Sangh, Khagra, Murshidabad dist. **(West Bengal)**
Tel. No. 03482-251208 / 252244 / 9434015348
18. Secretary, Gandhi Gram Vikas Samiti, Mukadampur, Malda **(West Bengal)**
Tel. No.9434372017 / 9434231830
19. Secretary, Kerala Khadi & V.I. Association, Avarissery, Thrissur – 680313 **(Kerala)**
Tel. No. 0487-2352598 / 9847035699
20. Secretary, Khadi Gramodyog Saghan Vikas Samiti, Bassi **(Rajasthan)**
Mobile No. 9414069827

Supplier of retrofit equipment

FLEXITRON

1234 22nd A Main 11th A Cross
Sector – 1, HSR Layout,
Bangalore – 560 102

Tel. 080-65312559
Fax 080-25721284
Email flexitron@yahoo.com

Shri R.S. Hiremat, Chief Executive – Cell – 09845113109
Shri K. Prithvi, Marketing Country Head – Cell – 09341626919

Note : ***KVIC had made arrangements for supply of e-charkha through the approved manufacturers. These manufacturers will procure retrofit equipment from FLEXITRON for onward supply to the users.***