

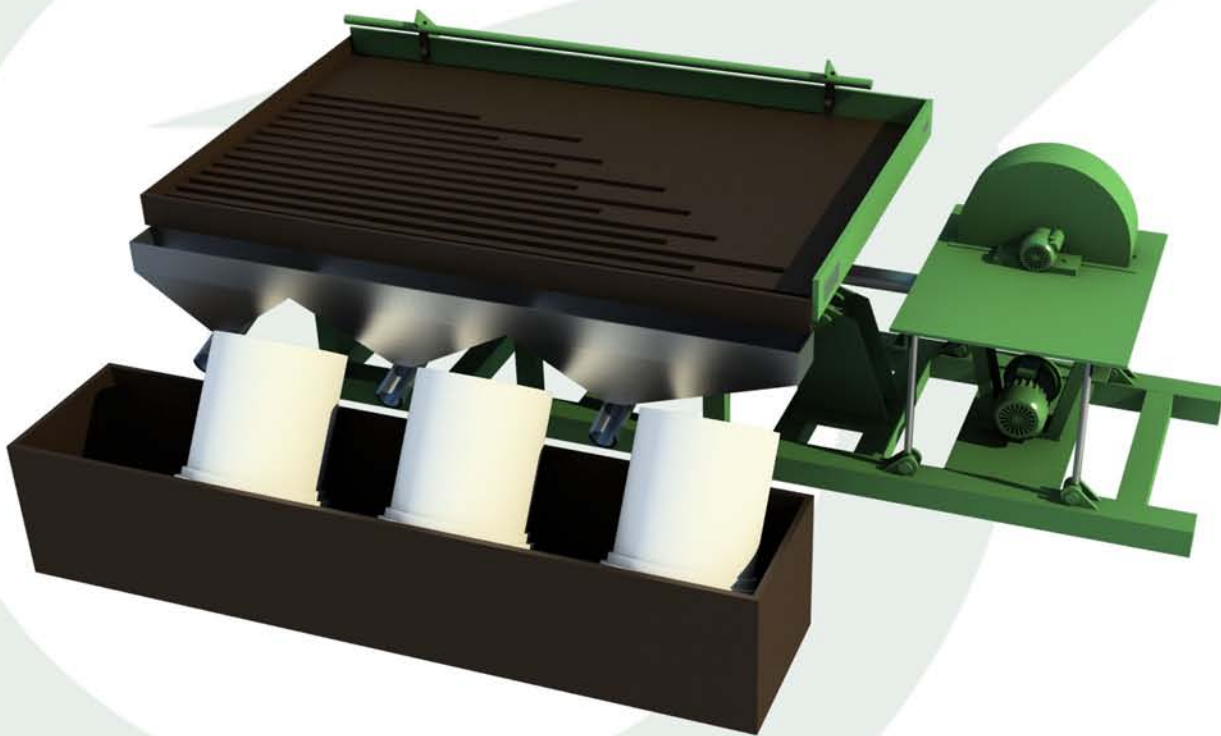


Decide with Confidence



**STAR TRACE**<sup>®</sup>  
PRIVATE LIMITED

# LABORATORY CONCENTRATING TABLE



[www.startraceld.com](http://www.startraceld.com)

**Single Source**

**Incorporated testing, design engineering, fabrication,  
and services to confirm tailor-made total systems**

# INTRODUCTION

Star Trace offers a range of products which are widely used across various laboratories and also hold diverse industrial applications.

These wide range of products are manufactured according to industrial quality and standards.

Backed by our excellent engineering and quality control team, we are able to satisfy the client requirement for various engineering products all over the world.

With more than 20 years of experience in this field, we have been supplying technically accurate and superior products to our clients and have catered to the requirement of variety of sectors and clients.

# CONCENTRATING TABLE

## Working Principle:

Wilfley table is most widely used shaking table. It consists of a slightly inclined deck on to which feed, about 25% solids by weight, is introduced at the feed box and is distributed along the feed launder, wash water is distributed along the balance length of the feed launder.

The table is given shaking motion longitudinally using a slow forward stroke and a rapid return, which causes the mineral particles to move along the deck parallel to the direction of motion.

In this table the riffles run parallel with the long axis and are tapered from the maximum height on the feed side till they die out near the opposite side, parts of which is left smooth.

Where the riffles stand high, a certain amount of eddying movement occurs, aiding the stratification and jiggling action between the riffles. As the load of material is jerked across the table, the upper most layer is swept or rolled over into the riffled gap.

In this way the upper most layer of sand is repeatedly move over to riffle after until it leaves the deck. As the water film is thinnest while climbing over the riffle, any suspended solids drop into the trough and move crosswise as a result of the mechanical shaking movement.

Model	Capacity kg/Hr	Wash Water	Deck Size	Motor Kw	Pulley Speed	Stroke
STCT-S Standard	570-5770	22-90	1830 x 4570	1.2	240-300	18-30
STCT-O Oversize	750-6600	22-90	2130 x 4570	1.2	240-300	18-30

## Single Source

### Corporate Headquarters

Old No: 7, New No: 5,  
Jeevanandham Street, Redhills,  
Chennai-600 052, India.  
Phone: (0091-044) 26418456,  
26419439, 32975456.  
TeleFax: (0091-044) 26419439  
Mobile: (0091) 9380521576,  
9380521567, 9841015456.  
Email: sales@startraceltd.com

### City Office

Old No: 526, New No: 41,  
1<sup>st</sup> Floor, 3rd Avenue Road,  
N.S.K Nagar, Arumbakkam,  
Chennai-600 106, India.  
TeleFax: (0091-044) 43500032.

### Works

No:11, Moorthasa Ussian  
Sahib Street, Redhills,  
Chennai-600 052, India.

### Canadian Representative

Mr. Mahes parteepan  
Phone: (001) 2988003549  
Mobile: (001) 647 783 9627  
Email: mahesh@startraceltd.com

### Myanmar Representative

Mr. KYAW MIN TUN  
Mobile: +95-973166695  
Email: kyaw@startrace.in

### Indonesia Office

BLOK D6-NO.5, MGK - Mega Kemayoran,  
Office Tower A Lt.1 Jl. Angkasa,  
Kota Baru Bandar Kemayoran,  
Jakarta Pusat 10610.  
Phone: +62 81311594498.  
Email: sales@startrace.co.id

### Dubai Representative

Mobile: 00971557526778  
Email: mahesh@startraceltd.com