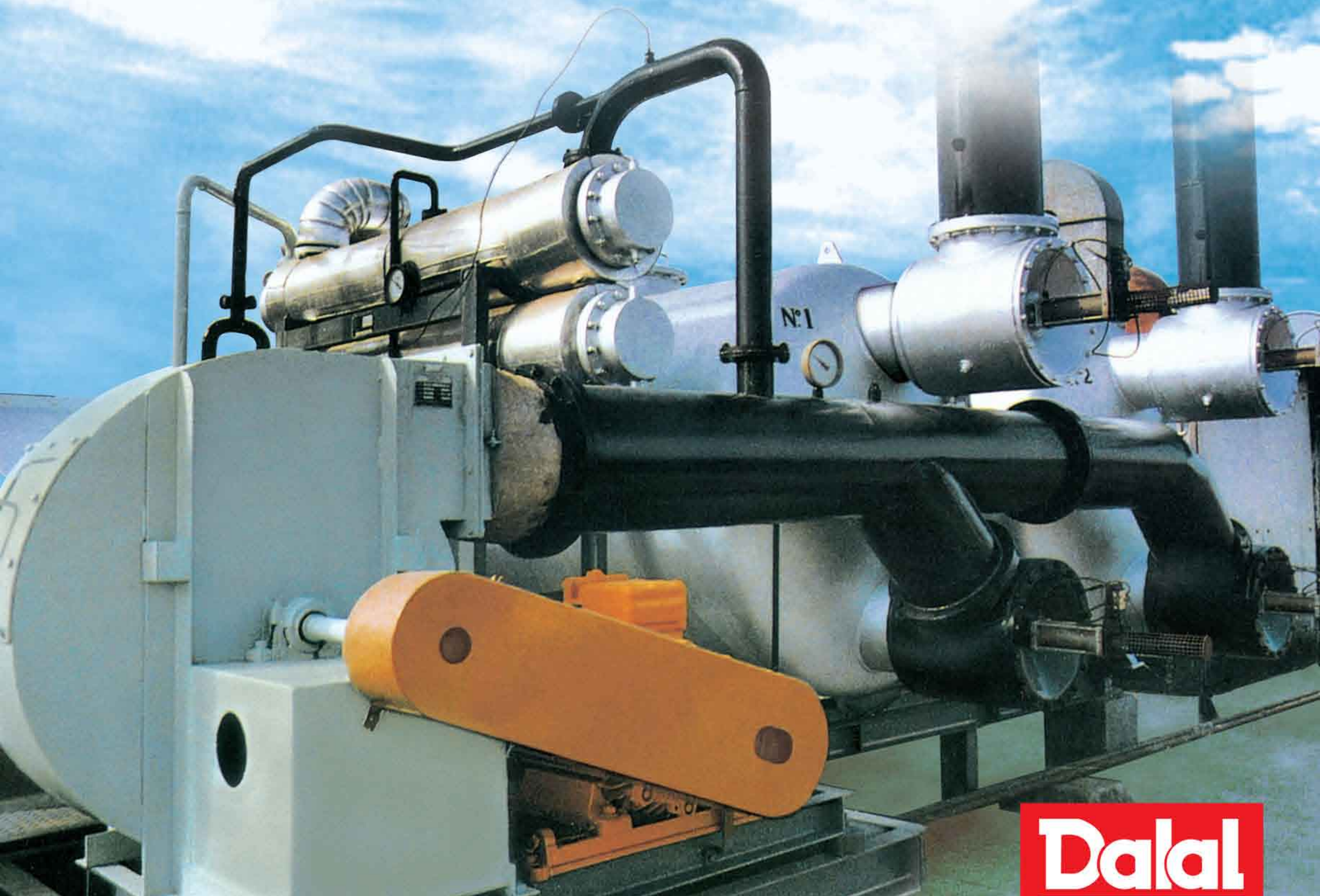


# SOLVENT RECOVERY PLANT



The cutting edge of experience



## Solvent Recovery Plant

Dalal Engineering is widely recognised as a pioneer and leader in the arena of chemical equipment, in India. A position attained through unique combination of state-of-the-art technology, superior manufacturing capabilities, high quality, dedicated personnel and customised services.

In fact, this cutting edge of Dalal Engineering makes it the 'most preferred supplier' to many industries, in India and abroad.

For solvent based manufacturing processes, where the solvent is a recurring consumable cost, the need to recover the solvent is an immediate necessity.

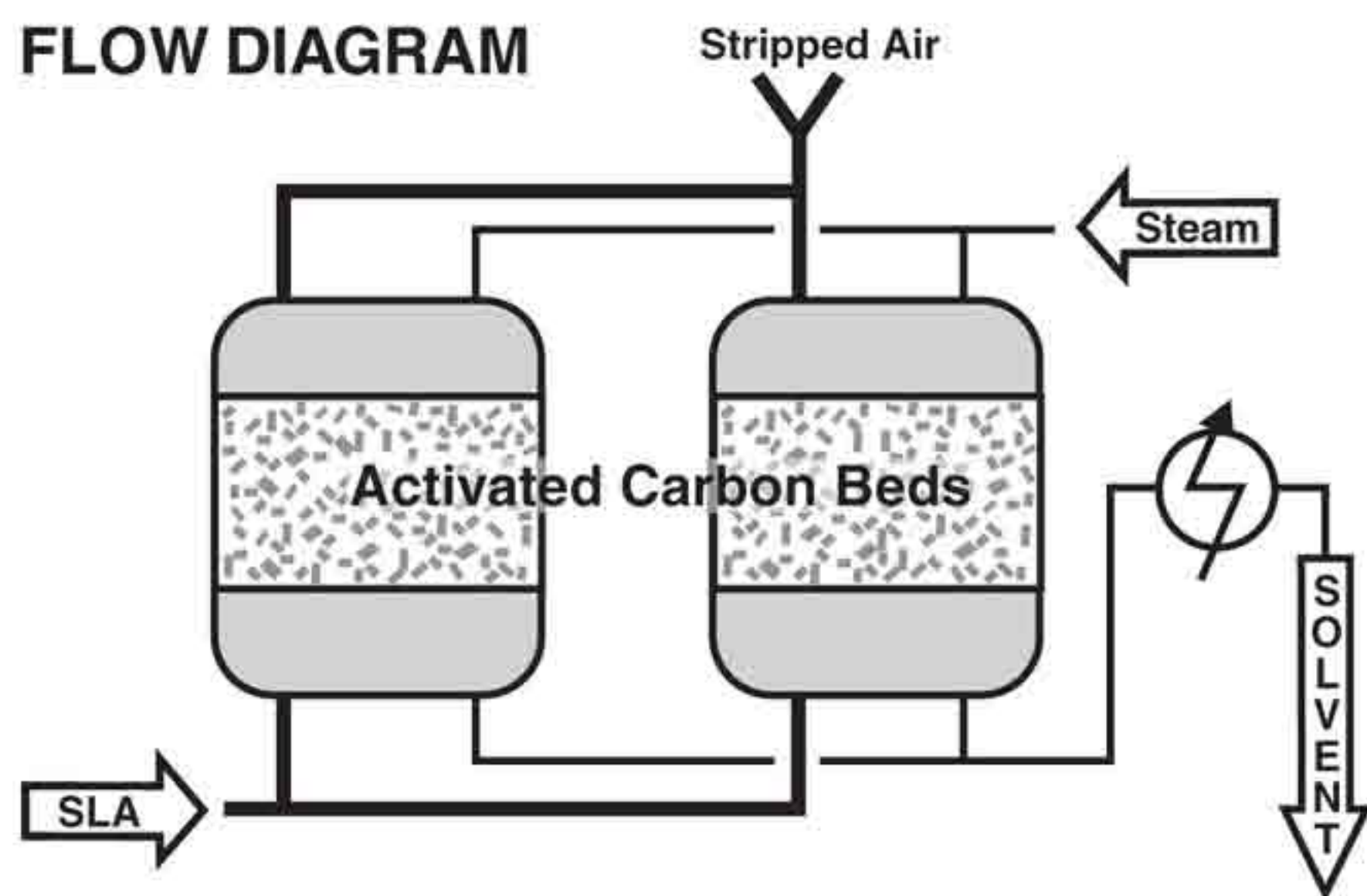
Dalal Solvent Recovery Plant works on the principle of adsorption on activated carbon and regeneration by low pressure steam, efficiently trapping and actively recovering the solvents.

This Plant eliminates air pollution while bringing the solvent user upto 98% efficient recovery. The plant is fully automated and very simple to operate. Also, running costs are low with a payback period of two years or less.

Designed and constructed to the highest engineering standards, the Recovery Plants guarantee performance.

### How it works

Solvent Laden Air (SLA), released into the atmosphere from the evaporative process, is passed through a bed of activated carbon. The Solvent is adsorbed and stripped air is exhausted to atmosphere. When the carbon bed gets saturated with solvent, it is regenerated with low pressure steam. Desorbed solvent and steam mixture is condensed and separated for reuse.



Based on the solvent load and SLA flow rate to be handled, a number of adsorbers constitute a complete plant. However, for continuous operation, minimum two adsorbers are provided - one adsorbs while other regenerates.

### Applications

Adhesive tapes, brake linings, carbon copying paper, composite gaskets, industrial belting, peroxide manufacture, pharma products, rotogravure printing, rubber products, surgical bandages, synthetic leather, weatherproof sheeting, effluent gases from tank farms

**Our Products** ⚙️ Flakers ⚙️ Rotary Vacuum Dryers ⚙️ Wiped Film Evaporators ⚙️ Solvent Recovery Plants  
⚙️ Agitated Pressure Filters ⚙️ Vibro Screens



### DALAL ENGINEERING PVT. LTD.

#### Customer Services Division

Kavesar, Thane Ghodbunder Road, Thane 400 607, Maharashtra, India • **Tel** 91-22-2589 6201/02/03/04  
• **Fax** 91-22-2589 6207 • **E-Mail** dalalfac@vsnl.com and sales@dalalengineering.com

#### Registered Office

36/37, Jolly Maker Chambers II, Nariman Point, Mumbai 400 021, India  
• **Tel** 91-22-2202 4046/2285 0516 • **Fax** 91-22-2202 9278  
• **E-mail** deplmum@vsnl.com • **Website** www.dalalengineering.com