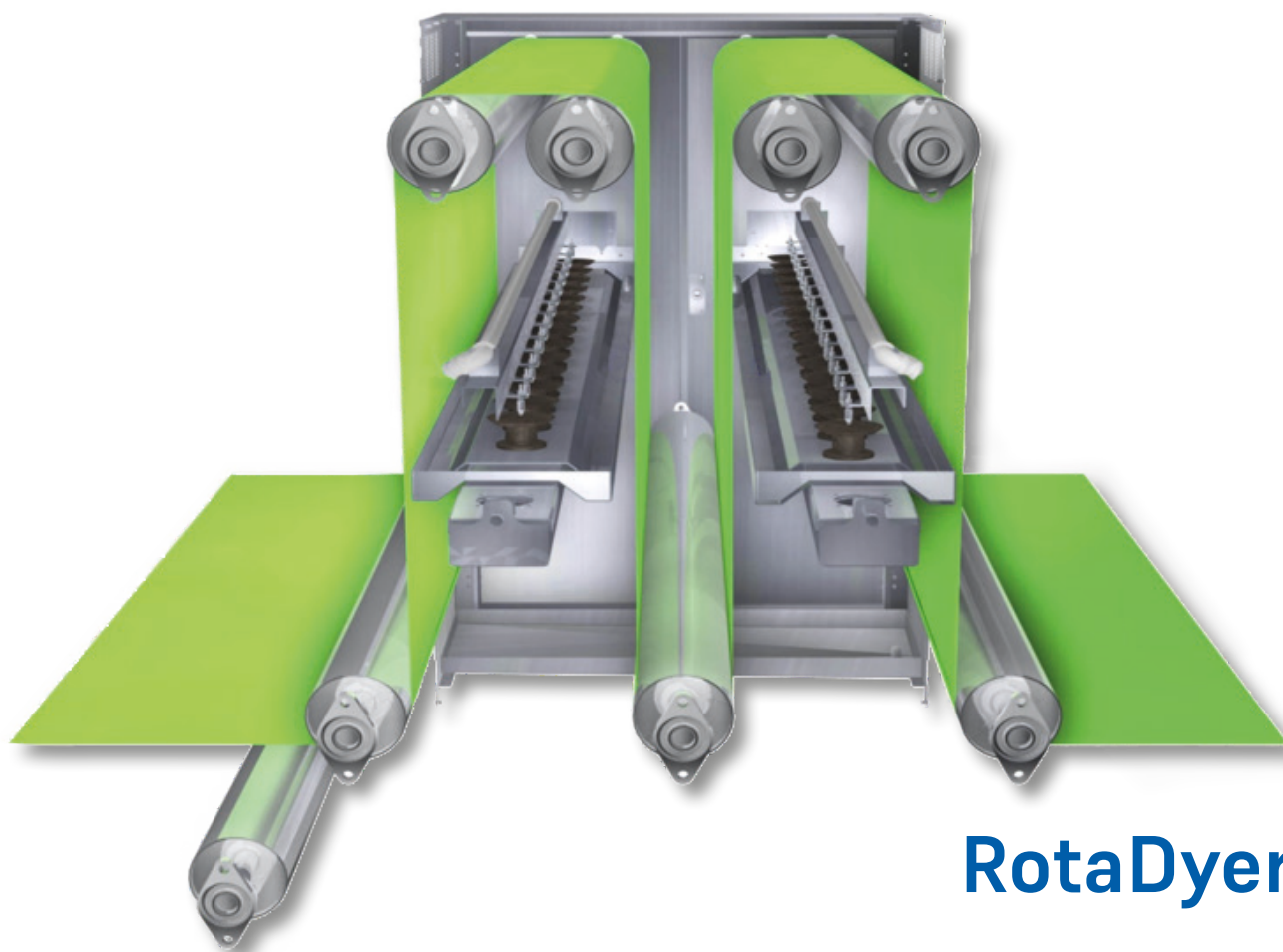


INNOVATION IN SUSTAINABLE SPRAY DYEING

RotaSpray
Member of WEKO Holding



RotaDyer

SAVE

- FRESH AND WASTE WATER
- AUXILIARIES AND SALT
- DRYING ENERGY
- DYE STUFF

ELIMINATE

- TAILING
- CENTER-SIDE-VARIATION
- PROBLEMS IN REPRODUCIBILITY
- BATH CONTAMINATION
- SUBSTANTIVITY ISSUES
- AFFINITY ISSUES

REDUCE

- CARBON-FOOTPRINT
- MATERIAL STRESS
- DRYING SECTIONS
- NO. OF DYE BATHS
- LOAD ON ETP

RAISE

- YOUR PRODUCT RANGE
- MACHINE UPTIME
- PROFITABILITY
- PRODUCT DIVERSIFICATION

APPLICATIONS



EFFECT DYEING



BOTTOMING / TOPPING



CHEMICAL OXIDATION



OVERDYEING / TINTING



COLOR FIXATION



SINGLESIDE DYEING



INDIGO DYEING
(PERFECT RING DYE)



VAT DYEING



REACTIVE DYEING & COATING



PIGMENT DYEING



DISPERSE DYEING



SULPHUR DYEING

REACTIVE DYEING



VAT DYEING



LASERFRIENDLY REACTIVE



PIGMENT DYEING



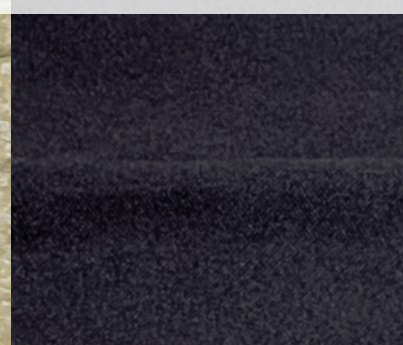
SINGLESIDE DYEING



EFFECT DYEING



DISPERSE DYEING



SULPHUR DYEING

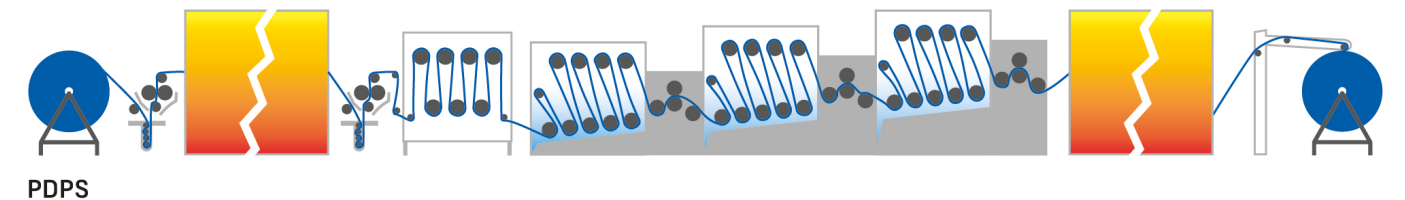


SPRAY DYEING AND FINISHING

PS2 PROCESS

- SAVE MONEY
- ELIMINATE INTERMEDIATE DRYING
- RAISE QUALITY AND CONSISTENCY
- BE MORE SUSTAINABLE – STRONG REDUCTION IN CO₂ EMISSION AND SALT CONSUMPTION

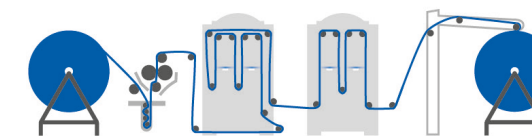
**ADAPT PS2 PROCESS OVER PDPS PROCESS
IN VAT OR REACTIVE PIECE DYEING**



PS2

PSB35

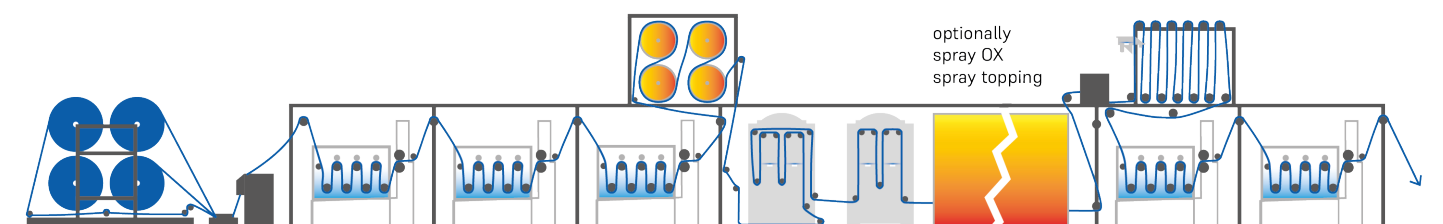
- REDUCE BATCHING TIME (5-6 HOURS)
- SMALL LOT PRODUCTION
- ELIMINATE SUBSTANTIVITY ISSUES AND REDUCE START-UP WASTE
- RAISE QUALITY AND CONSISTENCY



PSB

MULTI FLEXIBLE SHORT DENIM SLASHER DYEING RANGE

- REDUCTION OF FRESH AND WASTE WATER
- UP TO 75 % LESS YARN WASTE
- SMALL LOT PRODUCTION DURING FAST JOB CHANGEVER



SUSTAINABLE SPRAY APPLICATION



RotaSpray DYEING

If sustainability is the commitment towards the society, then the decade of 2020s is the next industrial revolution in textile dyeing industry.

Adaptation of **RotaSpray** Minimal Application Technology is the sincere step towards the green revolution. **No more padding for dyeing to encourage pollution. A big yes for sustainable spray application.**

SCOPES AND BENEFITS:



- **Non-contact forced application** with uniform droplet distribution through rotary atomisers.
- **No bath contamination** – Time to forget the disturbance of bath equilibrium.
- **One lot – One Shade!!!** No Tailing, No CSV
- **No cash loss** – Profitable production of small lots for development, sampling or small orders from customers.
- **Adjustable level of penetration** – From surface dyeing to full dyeing.
- **Laser Friendly Reactive dyeing** – Because of unique surface dyeing by adjustable penetration level, **RotaDyer** reactive dyed fabrics are laser friendly.
- **No more anxiety, No more stress for Denim Dyers** – Consistent uniform topping, bottoming, colour denim just a key push away.
- **Say Goodbye to high energy consuming drying unit** in PDPS process for reactive and VAT dyeing. RotaSpray's PS2 (PAD – SPRAY-STEAM) process invites you to explore a different world of Low Cost, less CO₂ dyeing.
- **Fashion for Brands & Retailers** single side dyeing, single side over dyeing, two sides different colours spray dyeing by **RotaDyer**.
- **Effect Dyeing**: Unique fashion, Vintage look, washed effect at the stage of dyeing.
- **Polyester Spray Dyeing with Disperse and Pigment** – No need of high energy consuming HTHP process.
Simple process:
Spray | WEKO-DryE | WEKO-FixE
- **Happy ETP Manager** – 80% less drainage, less load on effluent plant, less treatment, less cost.
- **Happy Management** – Substantial savings (50-80%) of drying energy, raw material, fresh and waste water, dyes and auxiliaries etc. makes **RotaSpray** dyeing profitable and sustainable.