

SMARTEX MIRACLE
High Speed Garment Dyeing Machines
 1200-1350-1500-2250-3430-5000 lt

| | | Miracle GD 1200 | Miracle GD 1350 | Miracle GD 1500 | Miracle GD 2250 | Miracle GD 3430 | Miracle GD 5000 |
|---------------------------|-------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Drum Volume | (lt) | 1.125 | 1.320 | 1.480 | 2.280 | 3.430 | 4.800 |
| Drum Diameter | (mm) | 1.070 | 1.140 | 1.240 | 1.480 | 1.720 | 1.720 |
| Drum Depth | (mm) | 1.294 | 1.290 | 1.255 | 1.420 | 1.530 | 2.120 |
| Washing Speed | | Adjustable-Variable | | | | | |
| Max. Extraction | (rpm) | 820 | 790 | 760 | 700 | 645 | 645 |
| Max. G Force | (G) | 400 | 400 | 400 | 400 | 400 | 400 |
| Motor Power | (Kw) | 18,5 | 18,5 | 22 | 30 | 18,5 | 22 |
| Width | (mm) | 1.530 | 1.585 | 1.750 | 1.915 | 2.175 | 2.200 |
| Depth | (mm) | 2.415 | 2.448 | 2.480 | 2.275 | 2.550 | 3.650 |
| Height | (mm) | 2.030 | 2.056 | 2.120 | 2.530 | 2.730 | 2.550 |
| Height in Tilted Position | (mm) | 2.370 | 2.456 | 2.461 | 2.845 | 3.110 | 3.650 |
| Weight | (kg) | 2.230 | 2.700 | 2.980 | 4.530 | 6.300 | 7.360 |

| | | | | | |
|---|---|---|--|---|--------------------------------|
| <p>1:2- 1:2,5 LIQUOR RATIO dry garments</p> | <p>POLYRIB ECO DRUM SYSTEM</p> <p>%70 less water, chemicals, steam and waste water %20 less dyes %40 less electric energy</p> | <p>Double Pump Circulation & Drain</p> | | | |
| <p>SPIN DYE SYSTEM High speed dyeing with Spin Dye Jet Spraying Technology Prevents all crease marks, abrasion and undesired mechanical effects. Sustainable dyeing technology.</p> | <p>400 G EXTRACTION FORCE %20 less drying energy and time</p> | <p>SMART BALANCING totally vibration free extraction eliminates the risk of damages</p> | <p>TOLKAR ULTIMATE CONTROL SYSTEM remote access enables updates of parameters or versions, recipe preparation, upload/download, recipe transfer to desired machines USB programme and parameter transfer between machines 100 recipes, 100 steps reporting amount of dyed garments, consumption of water, electric, steam, loading and operating times (Optional)</p> | <p>PLC Controlled Touch screen panel</p> | <p>316 L INNER DRUM</p> |

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice



**PROFESSIONAL CHEMICAL/
DYE KITCHEN**

3 large tanks, all with stirrer
 Continous level measurement
 Progressive dosing Main tank
 with indirect steam heating
 Easy tank cleaning with filtering
 system Manual interference



**HEAT
EXCHANGER**

**Indirect
Steam
Heating**



**AUTOMATIC
WEIGHING
SYSTEM**

Automatic precision
 of water, chemical
 and steam intake
 in accordance with
 Automatic Weighing
 System
(Optional)



**AUTOMATIC
LOADING
DOOR**

(Optional)



**AUTO
REPORT**

Reporting of
 Consumptions
 and
 productivity

(Optional)



**BACKWARDS
TILTING**

Easy and
 automatic
 loading

(Optional)



SCADA

System Controls
 And Data
 Acquisition
 System

(Optional)