The 2nd Generation—with significant increase in loading resulting in the highest productivity and the ability to process the widest range of fabrics.
ONGOING DEVELOPMENT FORMS A MAJOR ELEMENT IN OUR CORPORATE PHILOSOPHY.

THE SYNERGY G2 is based on the tried and tested technology of the successful THEN-AIRFLOW® system. Accordingly, the use of proven advantages and the creation of additional innovative features has resulted in our best ever piece dyeing machine.

THE BEST THEN-AIRFLOW®
The SYNERGY G2 dyeing machine which apart from a high load per strand also provides further sizeable reductions in water and energy consumption. In other words, it is a top product from both a cost-efficiency and ecological standpoint.

NO LIMITS
Knits and woven fabrics from light up to heavy weight and virtually any fibre or fibre blend can be bleached and dyed without machine modifications or changes.

LET THE AIR FLOW
The patented aerodynamic system is based on the principle that the fabric transport is effected by air only, which means that as opposed to a hydraulic dyeing machine, no dye liquor or aqueous medium is required to transport the fabric.
THEN-AIRFLOW®
SYNERGY G2

AERODYNAMIC High Temperature Piece Dyeing Machine.

VARIABLE LOADING
Increased load sizes for both heavy weight and light weight fabrics combined with best running conditions are achieved by the variable loading chamber.

PROCESS TIME REDUCTION
The SYNERGY G2 slashes the process time, which is seen as a cost-efficiency benchmark, to record-breaking low values.

SHORTER LIQUOR RATIO
In tandem with an unaltered basic design, the increased payload of the SYNERGY G2 results in another marked reduction in the nominal liquor ratio.

EXACT REPRODUCIBILITY
The SYNERGY G2 furnishes unsurpassed reproducibility and "right first time" dyeing rates of up to 98%.
As a member of FONG’S Industries Group, the world’s largest supplier of piece and yarn dyeing equipment, continuous washing ranges and other finishing equipment, we always strictly pursue the goal of achieving permanent further development of all our products towards best quality, minimum water consumption and a sustainable reduction in environmental impact.

### MODELS AND TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>THEN-AIRFLOW® SYNERGY G2</th>
<th>SMALL-MEDIUM BATCH</th>
<th>300KG SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. capacity [kg]</td>
<td>60</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>150</td>
<td>600</td>
</tr>
<tr>
<td>Dimension A [mm]</td>
<td>3900</td>
<td>4500</td>
</tr>
<tr>
<td></td>
<td>3950</td>
<td>4500</td>
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<tr>
<td>Dimension B [mm]</td>
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<td>4600</td>
<td>6250</td>
</tr>
<tr>
<td>Dimension C [mm]</td>
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<td>*</td>
</tr>
<tr>
<td></td>
<td>5200</td>
<td>5900</td>
</tr>
<tr>
<td>Dimension D [mm]</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>4800</td>
<td>5200</td>
</tr>
</tbody>
</table>

- * Dimension C. Dimension varies according to different options of tank size.
- FONG’S EUROPE GmbH reserves the right to make design changes, the quoted dimensions are non-binding.

Operating temperature: max. 140 °C at 3 bar overpressure.
Liquor carrying parts in special steel, material no. 1.4571 / 1.4404 (AISI 316 Ti / 316 L).

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