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## Shift Output of more than 120.000 Sacks

### Windmüller & Hölscher introduces new Cement Sack line AM 8105 – AD 8300 at Casablanca

*On 5th of May 2010 Windmüller & Hölscher officially launched it's new Cement Sack line AM 8105 – AD 8300. Demonstrated at Pap Sac Maghreb, a Member of the Mondi Group in Casablanca, Morocco, the line impressed international visitors from the paper sack industry through significantly reduced production costs, achieved by increased productivity. At 360 bpm it is the world's fastest cement sack line, permitting shift outputs of more than 120.000 bags. That's an increase of around 50%, when compared with the output of a line introduced to the market ten years ago.*

From a technical point of view cement sacks represent a rather undemanding, low added-value mass product and any improvement in productivity, however small, is a big factor in terms of production efficiency. The production output of the bottomer determines the efficiency of the entire multiwall line. The new AD 8300 bottomer reaches 20 % higher production speeds, i.e. 360 sacks per minute and the already low idle time is further reduced . This is due to the smart end-of-roll monitors at the unwinds which ensure rapid roll changes minimizing waste at the same time.



To adequately feed the bottomer, the tuber output had to be raised. It now reaches 400 tubes/min and is applicable throughout the entire cut-off length range. The smart end-of-roll monitors for the unwinds, already mentioned at the bottomer, reduce roll change time and minimize material left on the core (approx. 4 – 6 meters).

The new multiwall line was operating successfully for several months at Pap Sac Maghreb. Apart from the new AM 8105 tuber and the new AD 8300 bottomer, the line also comprises a tube transport and storage device located between tuber and bottomer, and the ARCOMAT 3 robotic palletizer. Featuring 28 cycles per minute, the ARCOMAT 3 enables the bottomer to produce hands of low bag counts with perfect stacking results.

The visitors witnessed a perfectly organized demonstration of the new line running impressive, high outputs. The consistent modular design principle of the machines allows them to be tailored to the most different production requirements and to be upgraded any time as required. Add-on modules which permit the production of ultrasonic sealable valves or of bags with carrying handles are available upon request.

WINDMÖLLER & HÖLSCHER is an internationally leading manufacturer of machinery and equipment for the flexible packaging industry. The product range includes blown and cast film extrusion systems, flexo and gravure printing presses, coating and laminating equipment, bag, sack and carrier bag machines, woven film processing lines and FFS (form, fill and seal) packaging systems.



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**PR 1280**

Tight crowd at the tuber AM 8105 running  
at 400 tubes/min



**PR 1281**

Proud of the world record performance:  
The PapSac Maghreb and W&H project teams



**PR 1282**

AM 8105 - New Generation Stepped End Tuber  
for the efficient production of building material and  
cement sacks



**PR 1283**

AD 8300 – state-of-the-art economically priced  
high-output valve bottomer for the production  
of medium size valve sacks, mainly targeted at  
building material and cement sacks.