

pellet inspection allows the detection of organic and metallic contaminations inside the pellet as well as on the pellet surface, using a special combination of X-ray technology and an optical system.

SML presents high performance stretch film line SmartCast

Booth: W1C41

SML's new high performance stretch film line SmartCast is under the spotlight at CHINAPLAS. The modular system comes with four pre-configured extrusion units at throughputs ranging up to 3,000kg/h and the choice between five or seven layers.

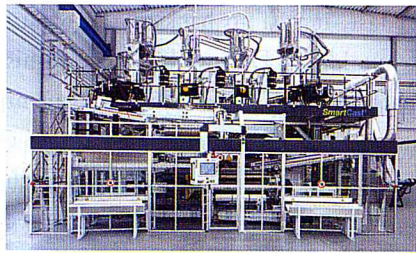
The 3m wide SmartCast line offers a reasonable output of thin films in the 8-15µm range at a winding speed up to 750m/min. Wider rolls provide the film consumer with the faster wrapping of large pallets and on the 3m-wide production line, both dimensions, 4x750mm or 6x500mm, can be manufactured without additional cut-off waste.

Apart from a new generation of standard and high-speed extruders, SML has also upgraded the chill roll unit by adding additional functions, avoiding vibrations and making operation easier.

The SmartCast line is complemented by the newly developed W4000-4S winder. The "4S" stands for "four shafts" per turret. In addition to the obligatory machine and jumbo rolls, the winder is able to produce hand rolls on various dimensions. As four winding shafts are employed, the indexing angle is just a quarter of a turn. A faster turret cuts cycle time further, resulting in short film tail.

Due to the four shafts, unloading of

finished rolls and loading of new cores is done simultaneously, which saves additional time. The winder W4000 4S meets the trend towards downgauging to a minimum film thicknesses of 6µm and soft rolls by winding tension as low as 10N.



Sonderhoff presents Fermapor K31 polyurethane foam sealing application

Booth: E1J21

Sonderhoff (Suzhou) Sealing Systems Co. Ltd. demonstrates at CHINAPLAS the application of Fermapor K31 polyurethane foam sealing by using a DM 403 mixing and dosing machine.

Sonderhoff's low pressure mixing and dosing machines from the DM 40x series apply the liquid sealing material directly onto the part where the curing process takes place. Foam sealing systems Fermapor K31 polyurethane based and Fermasil silicone based provide ideal protection against humidity, dust, chemicals, oil, grease and the ingress of other media.

Polyurethane based Fermadur systems for transparent potting and encapsulation of electronic components is also part of Sonderhoff's exhibits.



Circular weaving technology showcase from Starlinger

Booth: W1B43

Starlinger & Co. GmbH brings to CHINAPLAS the latest technology in woven plastic bag production. With a special focus on circular weaving technology, the most recent achievements in areas such as bag conversion, tape winding or packaging product development are showcased.

In AD*STAR® block bottom sack production, the new ad*starKON SX+ conversion line sets the standards. Designed for the economic production of standard, open mouth, two-ply, pocket valve and BOPP laminated AD*STAR® block bottom valve sacks in top quality, the ad*starKON SX+ operates at production speeds of up to 100 sacks/minute and is unmatched in efficiency due to high-precision bottom closure and superfast format change.

The new twinTAPE 200LX precision cross winders for PP, HDPE and PET tapes produce high quality bobbins for trouble-free fabric production with increased efficiency and output.

In November 2013 Starlinger launched the new PP*STAR pinch bottom bags with Easy Open strip for comfortable opening and emptying of the content.

Starlinger viscotec specialises in PET and HDPE decontamination technology and provides equipment for the decontamination and IV increase of PCR flakes and pellets, as well as PET sheet production lines. The deCON 20 decontamination dryer, the latest innovation in decontamination technology, is designed for treating different materials such as PCR pellets,