

A 3D rendering of a large roll of paper, tilted at an angle. The roll is brown and has a circular end face with a hole in the center. The word "200K" is visible on the end face.

Integrated **Rollstock**

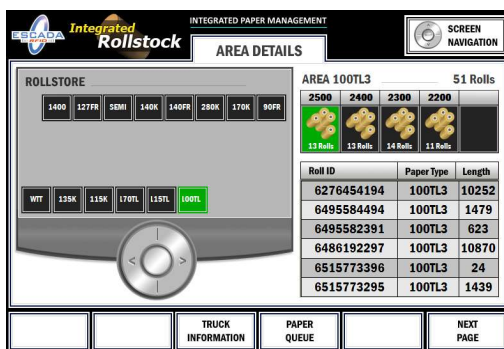
Integrated Paper Management



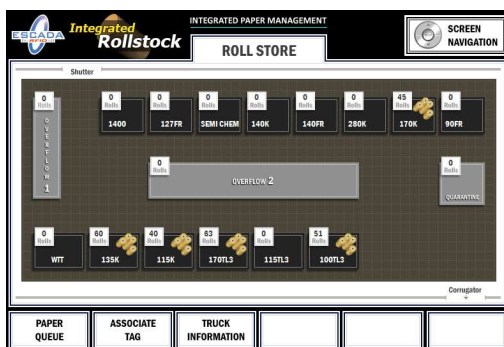
Integrated Rollstock

The Escada Integrated Rollstock System provides the plant with an RFID or barcode enabled solution to streamline in the areas of inventory, butt reel management and improve the overall efficiencies of the paper roll and production areas.

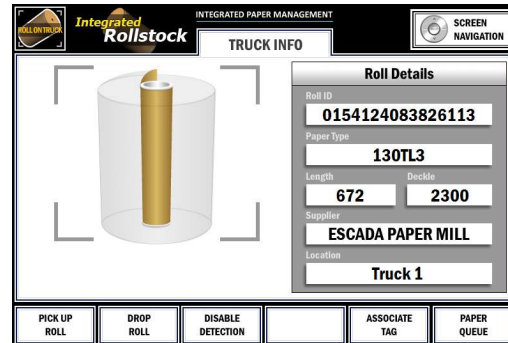
The system logs the original location of the reel as it is put into stock and then tracks its movements throughout the life of the reel, continually updating the new remaining length as the reel is used in production.



A datalink to scheduling and production enables the system to validate that the correct rolls have been selected prior to being loaded and ran. This enables the control and reduction of costly unplanned upgrades at the wet-end.



Roll selection is advised to clamp truck operators to maximise production efficiencies and reduce butt roll quantities. Locations are advised, thus reducing issues traditionally experienced when attempting to find a roll.



Full traceability for each roll is provided throughout its lifespan.

A quarantine and quality function enables issues with rolls to be recorded. Additional interfaces are available to allow remote access by paper suppliers to monitor stock.

Features

- > RFID or barcode options
- > Real-time stock control
- > Scheduling and ERP system interfaces
- > Reduce manual input errors
- > Corrugator wet-end interface
- > Fast return on investment
- > Elimination of buffer stocks
- > Reduced stocktaking resource requirements
- > Improved operational efficiency
- > Reduction & monitoring of operator upgrades
- > Automatic paper yield verification
- > Optimised butt reel usage
- > Accurate stock by location



Roll Traceability

A comprehensive suite of configurable reports provide the data analysis and traceability of roll movements and consumption.

Paper Yield Analysis

Supplier	Roll ID	Purchase Order	Delivery Date	Paper Name	Deckle	Delivered Length	Consumed Length	Diff
ESCADA Roll	452473	28315	11/03/2008	K170	2170	5731	5603	128
ESCADA Roll	453119	28869	19/03/2008	K135	2000	8207	7854	353
ESCADA Roll	452893	28824	17/03/2008	KLT110	2450	9143	8839	304
ESCADA Roll	453404	28736	26/03/2008	K135	2450	8091	7743	348
ESCADA Roll	453489	29232	26/03/2008	H165	2350	5749	5669	80
ESCADA Roll	453607	29216	27/03/2008	T100	2440	9451	9285	166

Roll Movement Analysis

Roll ID	Equipment	Description	User Name	Status	Creation Date
454110	Truck 1	Roll Received	truck3	Unloading Bay	04/04/2008 12:06
454110	Truck 1	Roll picked up at Clamp	truck3	Transit	04/04/2008 12:07
454110	Truck 1	Roll Located	truck3	Roll Store Bay 9	04/04/2008 12:08
454110	Truck 3	Roll picked up at Clamp	truck3	Transit	09/04/2008 14:30
454110	Truck 3	Roll Located	truck3	Preparation (Splicer 5)	09/04/2008 14:32
454110	Splicer 5	Roll Read at Splicer	truck3	Stand 10	09/04/2008 15:17

Quarantine Report

Roll ID	Paper Name	Deckle	Original Length	Length	Original Diameter	Diameter	Reason	Comment	Action/Result	Date
453824	F150	2160	6353	0	1313	0	Damaged	DAMAGED	Strip Reel	14/04/2008
454484	F150	2490	2945	0	896	0	Defective Core	FLAT CORE	Scrap	14/04/2008
453363	TT170	2450	3536	0	1080	0	Defective Core	flat core	Scrap	14/04/2008
453871	F100	1990	10050	0	0	0	Damaged	DAMAGED	Strip Reel	14/04/2008
451591	TT120	2500	4000	0	0	0	Damaged	DAMAGED	Strip Reel	14/04/2008
453894	F127	2440	5981	0	1161	0	Defective Core	FLAT CORE	Scrap	14/04/2008

Upgrades

Upgrade Time	Roll ID	Program ID	Username	Splicer	Stand	Planned Paper	Paper Used	Planned Deckle	Deckle Used	Lineal Metres Used	Square Metres Used	Reason	Cost of Upgrade
15/09/2008 01:20	464236	12897	splicer1	1	2	WT140	WT140	2450	2500	674	1685	Deckle Not Available	1.6
15/09/2008 05:09	465256	12918	splicer3	3	5	F100	MIDLINER	2450	2450	4204	10299	Planning Upgrade	77.25
15/09/2008 11:05	465498	12925	splicer1	1	1	W135	W135	2170	2200	1437	3161	Grade Not Available	2.51
15/09/2008 12:30	465498	12937	splicer1	1	2	W135	W135	2170	2200	1895	4169	Deckle Not Available	3.31
15/09/2008 12:53	464269	12938	splicer1	1	1	W175	W175	2350	2450	2132	5223	Deckle Not Available	16.12
15/09/2008 14:02	465193	12933	splicer4	4	8	F100	F127	2170	2160	4918	10622	Operator did not respond	90.82



Syncro 7	Supervisory Corrugator Control
Integrated Rollstock	Integrated Paper Management
Profile	Closed-Loop Process Control
Vision	Pre & Post Corrugator Materials Handling



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