



AR-VAL SUPERVISION

AR-VAL SUPERVISION, TAKE FULL CONTROL!

Ar-Val Supervision software (CAPE) is a software designed for operators and local authorities that operate waste treatment facilities. It enables to pilot, configure, and measure accurately any sorting line's performances:

- Complete and user-friendly 3D visualisation of equipment
- Real-time configuration of all equipment
- Complete automatization of the facility
- Real-time knowledge of performances
- Optimized automatized management of baling

PLATFORMS

- Desk stations located in a supervision area
- Tactile console

We adapt our offer to your needs and environment.

VISUALISATION

Ergonomics developed for operators to get started fast and easily:

- A 3D representation to better locate yourself in more and more complex and large facilities
- A level-based management that allow you to visualize the full range of equipment



CONFIGURATION

Fully manageable speed, angle, and positioning of equipment.

An income management that can be adjusted to different type of waste infeed.



AUTOMATION

- The supervision, alongside with a programmable logic controller, makes it possible to fully automatize the process
- Communication networks make it possible to interact with any equipment available on the market (optical sorting equipment, baling presses, ballistic separators, bag openers, etc...)
- A conventional or redundant architecture according to your specific requirements



PERFORMANCES

All the sorting line's outputs are weighed according to the category of products.

Supervision becomes a real management tool that allows for high productivity gains. Indeed,

the real-time analysis of information from stocks and conveyer belts' weighing make it possible to realize a real-time morphological analysis of the feed and to adapt the sorting line's settings.

PRODUITS TRIÉS	LOT (PESÉ)	LOT (EMPI)	CARA (PESÉ)	CARA (EMPI)	STOCKAGE (PESÉ)	COÛL. ELECTRIQUE	CLIMATISATION	
PRODUIT	PESÉ (Kg)	EMPI (Kg)	PESÉ (Kg)	EMPI (Kg)	PESÉ (Kg)	COÛL. (Kwh)	CLIMAT. (Kwh)	
100 STOCKAGE 01	FIBRE	119 Kg	154 Kg	2.0%	126.6 Kg/h			
101 STOCKAGE 02	Aluminium	349 Kg	79 Kg	0.8%	75.2 Kg/h			
102 STOCKAGE 03	EMR carbonates	880 Kg	475 Kg	3.2%	377.8 Kg/h			
103 STOCKAGE 04	Sable Program	249 Kg	456 Kg	14.1%	1347.8 Kg/h			
104 STOCKAGE 05	Carbone	506 Kg	954 Kg	28.2%	2000.6 Kg/h			
105 STOCKAGE 06	PEI (bale)	249 Kg	348 Kg	3.2%	322.8 Kg/h			
106 STOCKAGE 07	PEHD	286 Kg	750 Kg	2.8%	277.4 Kg/h			
107 STOCKAGE 08	PI (bale)	238 Kg	1059 Kg	5.3%	523.8 Kg/h			
108 STOCKAGE 09	EA	118 Kg	70 Kg	1.1%	108.1 Kg/h			
109 100000	CVY PETIT FERREUX 02	9 Kg	544 Kg	1.6%	154.0 Kg/h			
110 100000	CVY BT PAVO COMPACTEUR	6 Kg	4100 Kg	11.2%	3160.7 Kg/h			
111 100000	CVY PCEI STELS	80 Kg	302 Kg	0.9%	86.6 Kg/h			
112 100000	CVY ALUM PIVOT 01	2 Kg	8888 Kg	24.9%	2479.2 Kg/h			
113 100000	GOUSSETTE PESÉ FERREUX	9 Kg	574 Kg	1.6%	162.3 Kg/h			
TOTAL							70000 Kg	5600 Kg/h

AUTOMATED BALING

The control of the baling press is done automatically, without requiring the intervention of any operator.

A calculation algorithm manages the baling and sending out priorities.

Optimized management of the volume of products to be shipped is calculated based on systematic weighing.

The supervision tool controls the shipped product and the ligation to avoid shipment of incomplete bales.

A performant supervision is vital to efficiently control the stockpile's filling and emptying.

