

ガラスびんの流れ

コンテナにて搬入されたびん類は、コンテナごと受入コンベヤ上に降ろし、ストックコンベヤおよび供給コンベヤを経て、コンテナ反転装置によりコンベヤ上に反転し、ガラスびん異物除去コンベヤで異物除去及びびん回収後、びん自動色選別機で色ごとに選別し、カレット貯留ヤードに貯留します。空になったコンテナは、コンテナ洗浄装置により自動的に洗浄され、保管されます。

Flow of glass bottles

Glass bottles in containers are loaded onto the receiving conveyor as they are. They are carried on the stock conveyors and the supplying conveyor, then they are turned upside-down by the container dumper and after foreign objects and returnable bottles are removed on the foreign objects removal conveyor. Then, they are sorted by color by the automatic glass bottle color sorter, and finally, are collected in the cullet storage yard. Empty containers are rinsed automatically by container washer, then they are collected in container stock yard.



びん受入コンベヤ
[垂直コンベヤ] (2系列)
Glass bottle receiving conveyor
[Vertical conveyor] (2 lines)



びん自動色選別機
(2系列)
Automatic glass bottle
color sorter (2 lines)



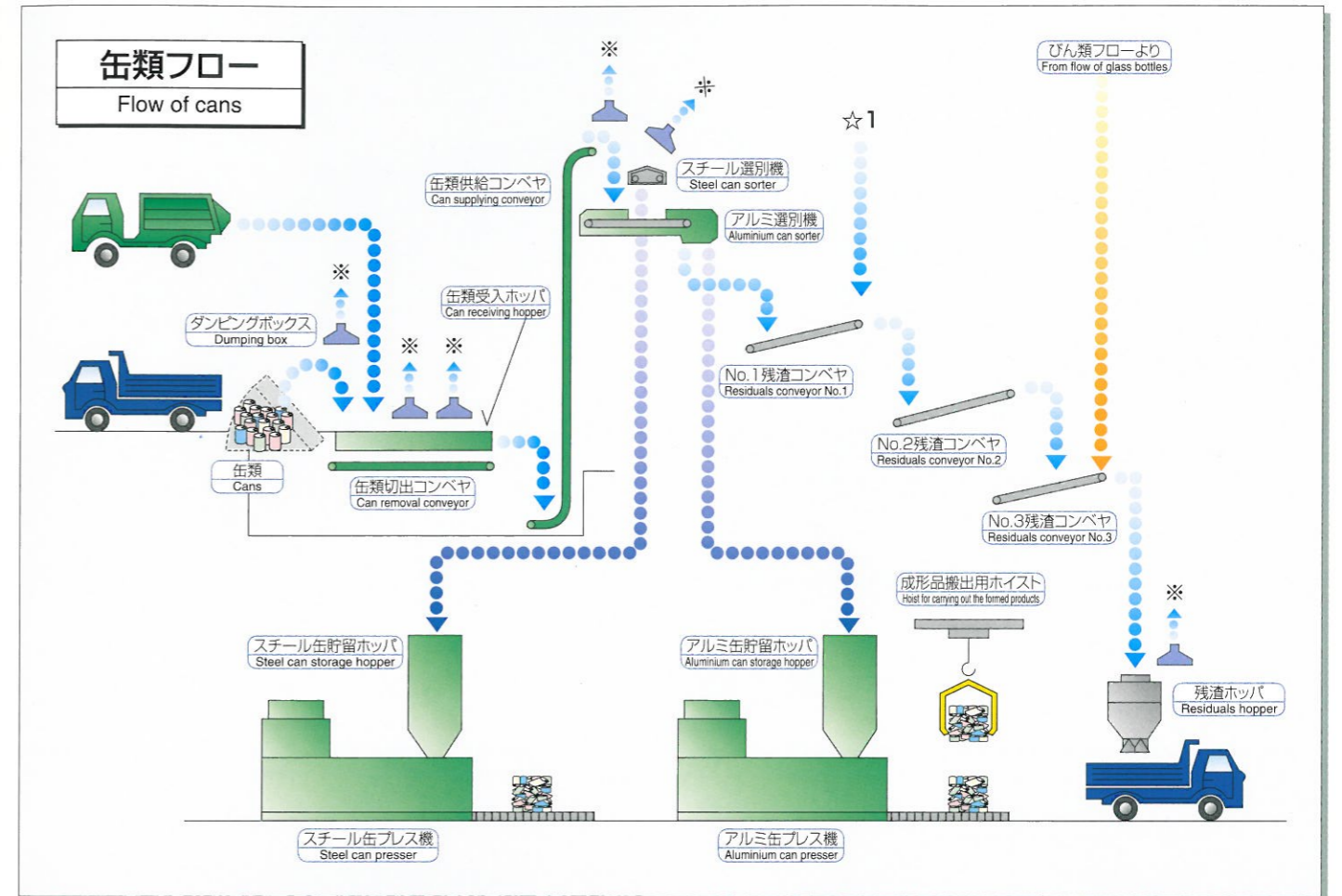
整列供給装置 (2系列) Bottle feeder (2 lines)



コンテナ洗浄装置 Container washer



カレット貯留ヤード Cullet storage yard



缶類の流れ

搬入された缶類は、異物・不適合物を目視確認後、受入ホッパへ投入します。次に切り出しコンベヤで缶類供給コンベヤに切り出しスチール缶をスチール選別機で選別した後、アルミ選別機でアルミ缶と残渣に選別します。選別されたスチール缶およびアルミ缶はそれぞれのホッパに一旦貯留後プレス機で圧縮成形処理します。残渣については残渣ホッパに貯留します。

Flow of cans

Cans brought in are visually checked for foreign material or inappropriate matter, and thrown into the receiving hopper. Then, they are taken out on the removal conveyor and sent to the can supplying conveyor. Steel cans are sorted by the steel can sorter, and then, the aluminum can sorter sorts aluminum cans and residuals. During their travel, steel cans are sorted with the steel sorting machine, and then the aluminum sorting machine sorts aluminum cans and residuals. Sorted steel cans and aluminum cans are stored in their respective hoppers for a short period and compressed with the presser. Residual materials are collected in the hopper.



缶類受入ホッパ
Can receiving hopper



スチール選別機
Steel can sorter



アルミ選別機
Aluminium can sorter

スチール缶貯留ホッパ・プレス機
Steel can storage hopper and presser
アルミ缶貯留ホッパ・プレス機
Aluminium can storage hopper and presser

