



CLEAN AND EFFICIENT POWDER/LIQUID PROCESSING

For a clean and efficient way to introduce powders into your mixture, Schold presents our ILD Cart System. At the heart of the system lies our Inline Disperser which will shear and incorporate powders into your liquid stream for instant mixing or emulsification. Coupled with a pump, this system can handle mixtures of higher viscosity and volume. It can draw in liquids and powders for flexibility of use and cleaning. The customizable dust collection hood will keep your plant free of nuisance dust as powder is introduced.

The ILD operates as such: Product is drawn into or pumped through the front inlet and sheared between the teeth of the rotor and stator/screen. This action imparts tremendous force and energy into the mixture and either disperses, grinds, mixes, or all the above to achieve your finished product. With multiple configurations available, the ILD is an extremely versatile piece of equipment. It boasts complete sanitary design out of the box for easy clean out prior to subsequent products.

If you are searching for a cleaner, more efficient way to process your powders - no matter if you are processing chemicals, pigments, food products, pharmaceutical products, cosmetics, and more, the ILD Cart System allows for simple integration into existing systems or as a brand new process.

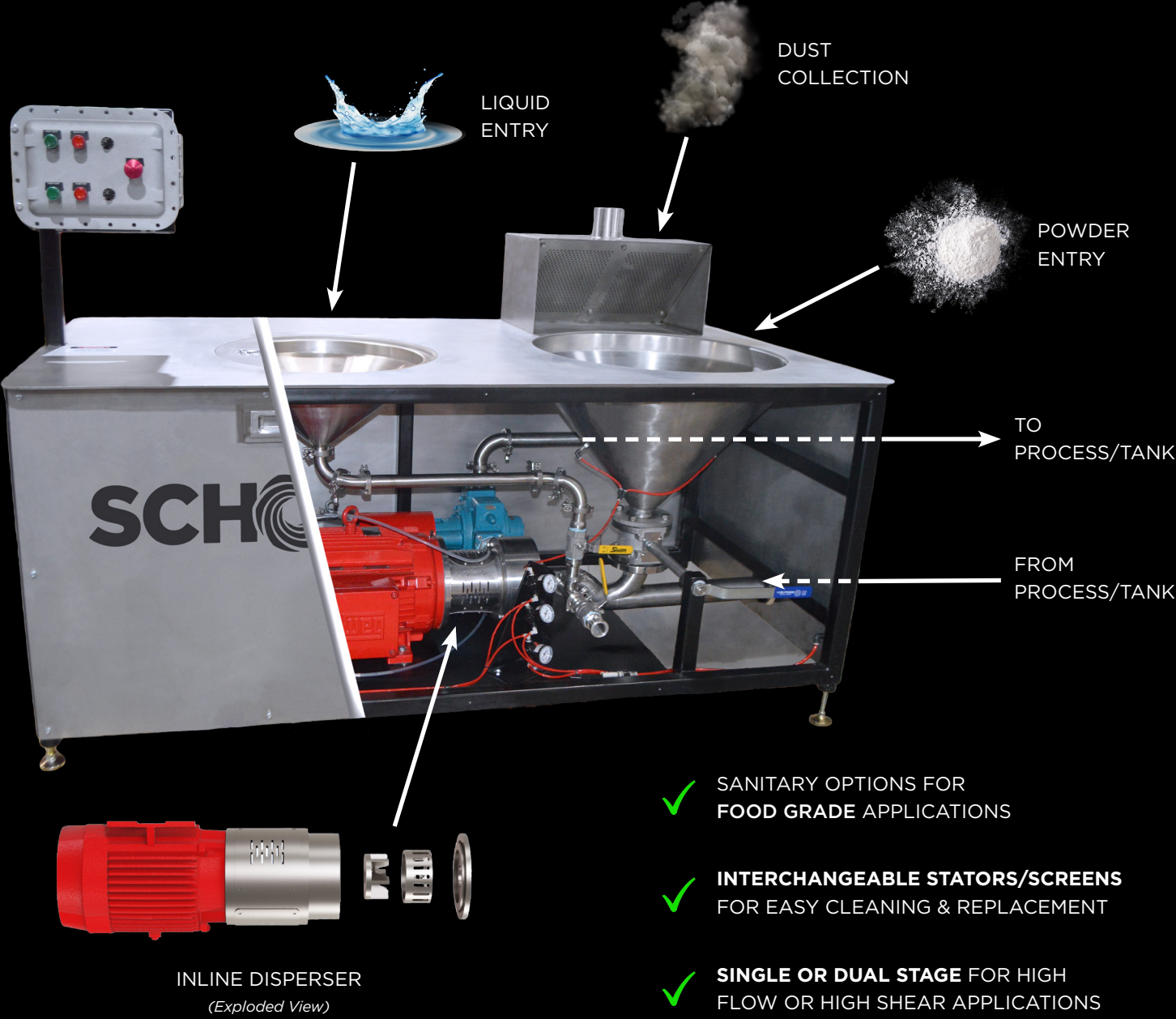
Shown Above - Schold Explosion Proof Model ILD 600 Cart

Shown Below - Schold Standard Model ILD 600

BETTER DISPERSIONS.



TAKE A LOOK INSIDE



MODEL	ILD 300	ILD 450		ILD 500		ILD 600		ILD 800			
CAPACITY	UP TO 100 GPM [378 LPM]	UP TO 200 GPM [757 LPM]	UP TO 200 GPM [757 LPM]	UP TO 300 GPM [1135 LPM]	UP TO 300 GPM [1135 LPM]	UP TO 400 GPM [1514 LPM]	UP TO 400 GPM [1514 LPM]	UP TO 700 GPM [2650 LPM]	UP TO 700 GPM [2650 LPM]	UP TO 700 GPM [2650 LPM]	UP TO 700 GPM [2650 LPM]
POWER	5 HP [3.7 KW]	7.5 HP [5.5 KW]	10 HP [7.4 KW]	15 HP [11.2 KW]	20 HP [14.9 KW]	25 HP [18.6 KW]	30 HP [22.3 KW]	40 HP [29.8 KW]	50 HP [37.2 KW]	60 HP [44.7 KW]	75 HP [55.9 KW]
ROTOR DIA	3 IN [76 MM]	4.5 IN [114 MM]	4.5 IN [114 MM]	5 IN [127 MM]	5 IN [127 MM]	6 IN [152 MM]	6 IN [152 MM]	8 IN [203 MM]	8 IN [203 MM]	8 IN [203 MM]	8 IN [203 MM]
MAX TIP SPEED	4241 FT/MIN [21.5 M/S]	4241 FT/MIN [21.5 M/S]	4241 FT/MIN [21.5 M/S]	4712 FT/MIN [23.9 M/S]	4712 FT/MIN [23.9 M/S]	5655 FT/MIN [28.7 M/S]	5655 FT/MIN [28.7 M/S]	4189 FT/MIN [21.3 M/S]	4189 FT/MIN [21.3 M/S]	4189 FT/MIN [21.3 M/S]	4189 FT/MIN [21.3 M/S]

