

QUICK AND EFFICIENT PROCESSING

Preparing suspensions, homogeneous solutions and emulsions has never been so quick or so easy. The Schold ILD Inline Diminishear processes one pass or batch applications efficiently and quickly. With multiple configurations available, the ILD is an extremely versatile piece of equipment. The ILD boasts complete sanitary design right out of the box for easy clean out prior to subsequent products. Whether you're processing chemicals, pigments, food products, pharmaceutical products, cosmetics, or more, the compact footprint of the ILD allows for simple integration for existing systems or as a brand new process.

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. This action imparts force and energy into the mixture and either disperses, grinds, mixes, or all of the above to achieve your finished product. The discharge can be oriented to any quadrant for convenient down-stream process hook-up. For high shear processing, a two-stage configuration is available. The ILD is highly customizable to your specific process.

Shown Above Left - Schold Food Grade Model ILD 600

Shown Below Left - Schold Standard Model ILD 600

BETTER DISPERSIONS.



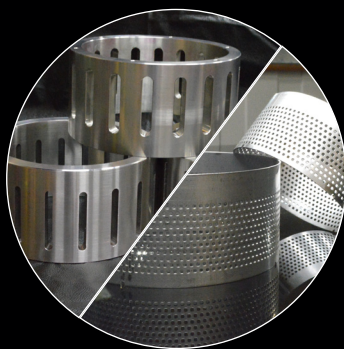


Shown Above: Exploded ILD DIMINISHEAR

FEATURES



SANITARY OPTIONS
FOR **FOOD GRADE**
APPLICATIONS



**INTERCHANGEABLE
STATORS OR SCREENS** FOR
EASE OF CLEANING OR
REPLACEMENT



SINGLE OR DUAL STAGE
FOR HIGH FLOW OR HIGH
SHEAR APPLICATIONS

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]

WHY CHOOSE SCHOLD

A trusted name since 1949, **Schold** has made breakthroughs and improvements, but one thing has held true—we have continually remained a **client-centric solutions provider**. While we offer a variety of standardized machinery models, we will also work with you to design, fabricate and install entirely **customized solutions** based on your application needs. Beyond installation, it is our commitment to provide unparalleled customer service. You can count on **Schold** for more than just reliable equipment, you can count on us to be a **trusted partner to your business**.

