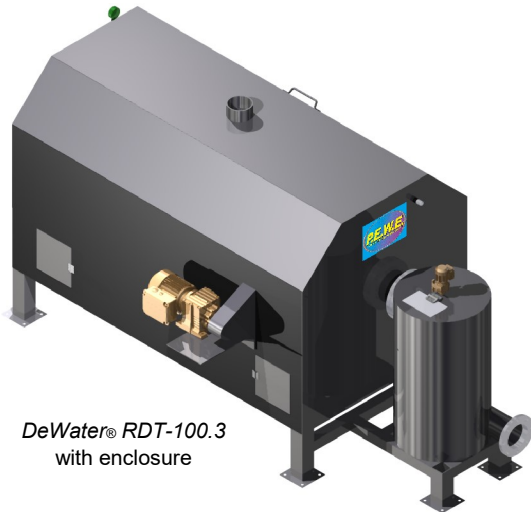




DeWater® RDT

Rotary Drum Thickener



DeWater® RDT-100.3
with enclosure

PEWE DeWater® RDT:

The **DeWater® RDT** internally fed rotary drum sludge thickener units are used to thicken municipal sludge by extraction of free water. The unit is used to thicken both primary and secondary sludges commonly found at industrial and municipal wastewater treatment plants.

The **DeWater® RDT** series rotary drum thickener will maximize thickened sludge removal in an easy to maintain unit. The screen material is a tight barrier by which material larger than the gap or slot size may not pass. This allows the water to continue through while thickening the output sludge.

DeWater® RDT Design:

The **RDT** internal design utilizes a cylindrical perforated drum with filter cloth for separating coarse suspended solids from the water. The screen may be ordered with several options including custom polymer blend system and **PEWE Command Control® RX panel**.

DeWater® RDT Operation:

The **RDT** influent stream is fed to the screen interior drum surface via an engineered headbox after the incoming sludge has been conditioned with a polymer in the supplied flocculation tank. Clarified effluent then flows through the screen openings and out of the drum through the drainage pan through the flanged outlet. Thickened sludge is then discharged from the interior through a solids discharge chute where it can be directed into a sludge collection tank.

Rotary Thickener High Flow, High Solids

BAKERY
BREWERY
FRUIT
FOOD PROCESS
MEAT
MINERAL
MUNICIPAL
PETROCHEM
POULTRY
PULP & PAPER
SEAFOOD
VEGETABLE
WINERY
WASTEWATER

Application	Municipal				English	Flow Capacity	Metric		
	Model	Length inches	mm	Diameter inches	mm	GPM	Dry Lbs/hr	LPM	Dry Kg/hr
	RDT-75.3	48	1219	36	914	75	275	284	125
	RDT-100.3	72	1905	36	914	100	435	378	197
	RDT-150.3	96	2438	36	914	150	635	568	288
	RDT-200.4	72	1905	48	1219	200	705	757	320
	RDT-250.4	96	2438	48	1219	250	935	946	424
	RDT-300.4	120	3048	48	1219	300	1155	1135	524
	RDT-350.5	96	2438	60	1524	350	1305	1325	592
	RDT-450.5	120	3048	60	1524	450	1605	1703	728
	RDT-550.5	144	3658	60	1524	550	1905	2081	864

This chart to be used as a guide only. Consult your PEWE representative.

