

HYDROFLOTY

Paint Sludge Flotation Unit

塗料スラッジ回収装置

ADVANTAGES:

1. The change of water in the spray booths must be carried out only every 12 months maximum;
2. By extracting the mud continuously the booth water volume will be reduced up to 70% ;
3. The automatically extracted mud has got a very low volume, thanks to its easy dewatering;
4. The concentration of noxious substances in air emissions is considerably reduced;
5. Spray booths maintenance costs will be reduced up to 90%.
6. All the plants are completely automatic and easy to run.

装置の利点：

1. スプレーブース内の水の交換は最長で12ヶ月/回
2. 泥水を連続で抽出することによって、ブース内の水量を70%まで削減可能
3. 自動的に抽出された泥水は、非常に少ないボリューム、その簡単な脱水を実現
4. 大気汚染に関わる有害な物質の排出を削減
5. スプレーブースのメンテナンス費用が90%削減
6. 完全自動により全ての工場ですぐに操業可能



Sample paint sludge after dosing with chemical
薬品を投与後の塗料スラッジのサンプル

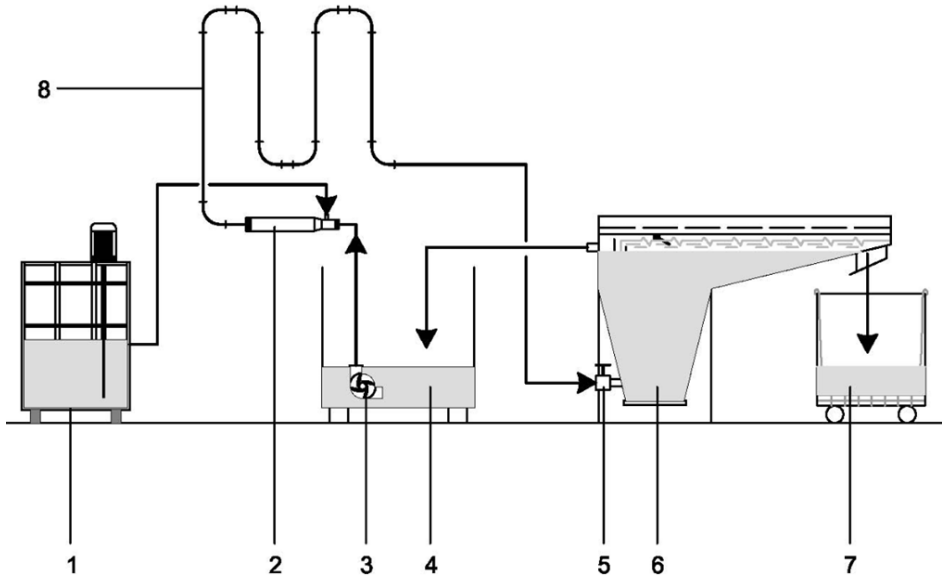


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Working Principle XXXXXXXXXX



- 1- Chemical Tank ケミカルタンク
- 2- Static Mixer スタティックミクサー
- 3- Pump with air suction for mixing
ミキシング用エアサクシオンポンプ
- 4- Spray booth tank スプレーブースタンク
- 5 - Inlet Valve I Nバルブ
- 6- Flotation unit スラッジ浮揚ユニット
- 7 - Sludge Container 塗料スラッジコンテナ
- 8- Water inlet piping 給水配管

Hydrofloty Range 使用範囲

SYSTEM	PAINT	Max volume of water to be treated	Max over-spray to be treated/hour	pictures
HYDROFLOTY 4M (treatment delivery) 4÷8 m ³ /h	Solvent-based (mono, bi components) Water-based Also in mixed situations	~6/8 m ³	~10/12 Kg.	
HYDROFLOTY 6M (treatment delivery) 6÷9 m ³ /h	Solvent-based (mono, bi components) Water-based Also in mixed situations	~8/10 m ³	~15/18 Kg.	
HYDROFLOTY 9M (treatment delivery) 9÷12 m ³ /h	Solvent-based (mono, bi components) Water-based Also in mixed situations	~10/12	~20 Kg.	