



QUADRO

SDx Series

SMART DRIVE EXCHANGEABLE PLATFORM



Interested in unparalleled milling flexibility and improved powder processing efficiency?

Introducing the world's first production-scale milling/screening platform offering four distinct powder processing solutions on a single, common drive.

The SDx Series affords the ability to quickly and easily interchange Fitzpatrick's FitzMill™ and Quadro's Comil®, High Efficiency Comil® and FlexSift Security Screening technologies.

The SDx will help you to:

- **Increase production efficiency**
interchangeable heads reduce bottlenecks & increase capacity
- **Optimize particle size distributions (PSDs)**
improve on-target PSDs by 30-50% over similar technologies
- **Enhance operator & product safety**
first conical mill with greaseless gearbox safeguards batches
- **Protect heat-sensitive products during milling**
patent-pending screen designs lower temps as much as 30%
- **Reduce capital investment & cost of ownership up to 75%**
ability to invest in four processes with a single, common drive



Equipped with Smart Detect™ technology for automatic head recognition and RPM range adjustment

SDx SERIES

TECHNICAL DATA

Quadro Comil® U20x



- **Improve particle size distributions (PSDs)**
20-40% more on-target over similar technologies
- **U20 screens & impellers forward compatible**
save thousands in transferrable tooling
- **Available with U21 high efficiency screens**
up to 50% average capacity increase

Quadro Comil® U21x



- **Ideal for heat-sensitive products**
lower milling temperatures by an average 10-15°C
- **Optimize particle size distributions (PSDs)**
reduce 'fines' generation by an average 20-30%

Fitzpatrick D6Ax



- **Guarantee full cleanability**
4 piece chamber assures 100% verification
- **The standard for APIs & difficult products**
unmatched screens selection (from 50 µm)

Quadro FlexSift S20x



- **Optimize security screening**
one unit can replace 3 - 7 vibratory sifters
- **Best-in-class performance**
40-50% more capacity vs. similar technologies

TECHNICAL DATA - SDx Common Drive Platform

		D6Ax	U20x	S20x	U21x
Typical Pharma Capacities ¹	kg/hr (Lb/hr)	200-400 (440-880)	200-400 (440-880)	500-4000 (1100-8800)	250-500 (550-1100)
Power	kW (HP)	5.6 (7.5)	5.6 (7.5)	5.6 (7.5)	5.6 (7.5)
Noise	dB	<80	<75	<75	<75
Height to Discharge (H)	mm (inches)	893 (35)	987 (39)	987 (39)	987 (39)
Height to Inlet (H2)	mm (inches)	1332 (52)	1356 (53)	1405 (55)	1373 (54)

¹ Capacity is dependent on product characteristics, final PSD target and equipment set-up.

