



QUADRO

SDx™ Series

SMART DRIVE EXCHANGEABLE PLATFORM



Interested in unparalleled milling flexibility and improved powder processing efficiency?

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

The SDx™ Series affords the ability to quickly and easily interchange Fitzpatrick's FitzMill™, Quadro's 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
- **Reduce capital investment & cost of ownership up to 75%**
ability to invest in four processes with a single, common drive
- **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%



SDx™ SERIES

TECHNICAL DATA

Fitzpatrick D6Ax FitzMill™

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



Quadro® U20x Comil®

- **Improve Particle Size Distributions (PSDs)**
20-40% more on-target, an average 50% capacity increase and reduced milling temperatures
- **Greaseless Gearbox Technology**
50% lower gearbox temperatures and 5 - 10dB noise reduction



Quadro® S20x FlexSift

- **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

		U20x	D6Ax	S20x
Typical Pharma Capacities¹	kg/hr	Up to 3000¹	Up to 3000¹	Up to 20,000¹
Power	kW (HP)	5.6 (7.5)	5.6 (7.5)	5.6 (7.5)
Noise	dB	<75	<80	<75
Height to Discharge (H)	mm (inches)	990 (39)	678 (27)	990 (39)
Height to Inlet (H2)	mm (inches)	1360 (54)	1411 (56)	1409 (55)

¹ Capacity is dependent on product characteristics, final PSD target and equipment set-up. Please contact us for more information.

